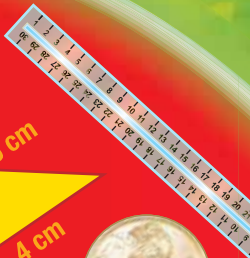


New wave mental maths

E



Trial booklet

Obtuse angle

Area

$$20 + 10 = \square$$

Student's name: _____

Eddy Krajcar



R.I.C. Publications®

New wave mental maths is a series of six student workbooks written for Australian primary schools.

Comprehensively revised in 2011 to take into account the requirements of the new national curriculum, *New wave mental maths* provides an ideal platform for the development of mental skills and mathematical concepts.

New wave mental maths provides:

- comprehensive coverage of mental mathematics concepts
- opportunities for consolidation of mathematical concepts
- practice in speed of recall
- opportunities for reinforcement of ongoing mathematical concepts
- sequential development of mathematical concepts
- a structured daily program for the whole year
- pictorial, graphic and written representation of problems
- an in-built review and assessment program (levels D–G).

Each level provides coverage of all mathematical strands applicable to mental mathematics activities.

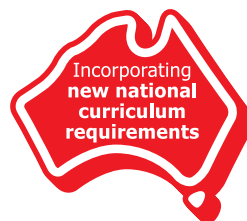
A teachers manual, to accompany the *New wave mental maths* workbook, is also available. This contains suggestions to help develop mental strategies, a list of concepts covered, assessment and answers.

Books available in this series

New wave mental maths	Book B	RIC-1701	978-1-921750-00-7
New wave mental maths	Book C	RIC-1702	978-1-921750-01-4
New wave mental maths	Book D	RIC-1703	978-1-921750-02-1
New wave mental maths	Book E	RIC-1704	978-1-921750-03-8
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New wave mental maths	Book G	RIC-1706	978-1-921750-05-2
New wave mental maths	Teachers guide	RIC-1707	978-1-921750-06-9

Australian School Age Levels

	A	B	C	D	E	F	G
AGES	5–6	6–7	7–8	8–9	9–10	10–11	11–12



Revised 2011

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STUDENT RECORD SHEET

Date	WEEK 1	Date	WEEK 2	Date	WEEK 3	Date	WEEK 4	Date	WEEK 5	Date	WEEK 6	Date	WEEK 7	Date	WEEK 8	Date	WEEK 9	Date	WEEK 10
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.
W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.
F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F

Date	WEEK 11	Date	WEEK 12	Date	WEEK 13	Date	WEEK 14	Date	WEEK 15	Date	WEEK 16	Date	WEEK 17	Date	WEEK 18	Date	WEEK 19	Date	WEEK 20
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.	Tu.
W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.	Th.
F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F

MONDAY

1. What was the time 40 minutes before?



2. What is the value of 2 in 21 400?

3. Draw a reflection of:

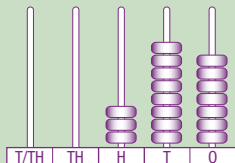
EB

4. $(4 + 5) \times 11 =$

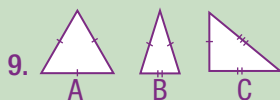
5. $90 + 20 =$

6. $9 \times 39 \approx$

7. Add 3 beads to each place value and write the new value.



8. $63.5 \times$ = 635



Which triangle has only 1 line of symmetry?

10. (Roman numeral) LXXXIX =

11. $1585 - 85 =$

12. $\frac{1}{4}$ of 24 =

13. If the sun is on the eastern horizon, is the time in the am or pm?

14. How many lines of symmetry has, the letter shape H?

15. Convert $1\frac{4}{10}$ to a decimal.

16. How many tens are there in five hundred?

17. What is the area of a 6 by 5 grid?

squares

18. If you swim 15 laps of a 50-m pool, how many metres have you swum?

19. Calculate the amounts for Koso's Surf Shop.

Wax	
3 @ \$1.50	A
Shiny shades	\$48
Total	B

20. Write as an equivalent fraction.

$\frac{4}{5} = \frac{\quad}{10}$

TUESDAY

1. What was the time two-thirds of an hour before?



2. What is the name of this shape?



3. $(12 - 7) \times 11 =$

4. How many edges does a sphere have?

5. What is the place value of 4 in 2.64?

6. $130 - 90 = 40$, so

$130 - 95 =$

7. $6^2 =$

8. What is the name of the eighth month in the year?

9. How many even numbers are there between 15 and 30?

10. $5 \overline{)255} =$

11. What was the year two decades ago?

12. 63 mm = cm

13. How far would you travel if you lived in Canberra and drove to Yass?

207 km Canberra Yass 14 km

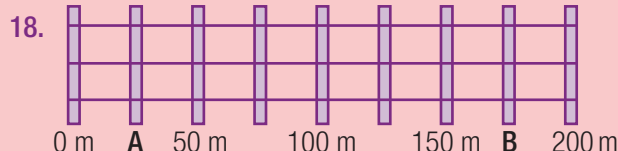
km

14. $\frac{1}{4} = 0.25$, so $\frac{3}{4} =$

15. If yesterday was Sunday, what is the day after tomorrow?

16. Write in numerals twenty-five thousand, five hundred.

17. Double 1735.



Farmer Dean walked from A to B along his fence line.

How many metres did he walk?

19. $\frac{8}{10} - \frac{3}{10} =$

20. Round 13 980 to the nearest thousand.

WEDNESDAY

1. What was the time 40 minutes before?



2. 4.00 am 23 hours later

3. $1789 - 89 =$

4. $200 - 60 =$

5. Draw a line 2 cm (20 mm) long, then trace over 50% of the line with another colour.

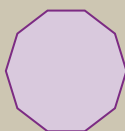
6. What is the value of 3 in 8.43?

7. $99 \times 9 \approx$

8. $(3 \div 1) \times 11 =$

9. If the day after tomorrow is Friday, what day was yesterday?

10. What is the name of this shape?



11. 7.2 cm = mm

12. Students' favourite radio stations



Which radio station is the most popular?

13. How many more students liked 96.3 than 101.2?

14. $9.76 \times$ = 976

15. $11^2 =$

16. Draw a $\frac{1}{4}$ turn clockwise.



17. Round 14 675 to the nearest hundred.

18. Write $\frac{2}{3}$ as an equivalent fraction. $\frac{\quad}{6}$

19. Share \$100 among 8 children. \$ each

20. If you were half way from this sign to Darwin, how many kilometres are left to travel?

114 km Darwin



MY SCORE

THURSDAY

1. What was the time two-thirds of an hour before?



2. $150 - 90 =$

3. $4 \times$ = 2×14

4. $7.17 \times 100 =$

5. Round 2.75 to the nearest tenth.

6. A Date: 15 May
Time: $4\frac{1}{2}$ hours before midnight

- B Date: 16 May
Time: $4\frac{1}{2}$ hours before midday

How many hours difference is there from A to B?

7. J K

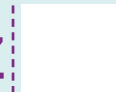
Measure the length of $\overline{JK}$. mm

8. What is the perimeter of an oblong-shaped office building that is 45 m wide and 55 m long?

9. $7 + 7 + 7 + 7 + 7 =$

10. Draw a reflection of:

fz



11. Write *one hundred and ten thousand* in numerals.

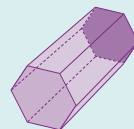
12. Rearrange the numbers 3, 4, 0, 7 to create the highest value possible.

13. $53 \times 7 = (\text{ } \times 7) + (\text{ } \times 7)$

= +

=

14. Name this shape.



15. $1.0 - 0.3 =$

16. $24 = 6 \times 4$, so $24 \div$ = 6.

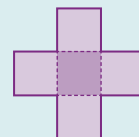
17. This is a net of:

☐ a square.

☐ a cube.

☐ an open box.

☐ a square prism.



18. $\frac{1}{4}$ of 200 =

19. Round 308 571 to the nearest thousand.

20. $\frac{1}{4}$ of 800 =



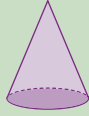
MY SCORE

MONDAY

1. What is the least amount of coins needed to make \$1.50?

2. If the date is 24 April, what will the date be one week later?

3. This shape is known as a



4. $(12 \div 2) \times 11 =$

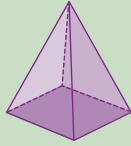
5. $120 - 85 =$

6. 1, 4, , 16, 25, 36

7. $46 + 47 =$

8. $5 \overline{)125} =$

9. This is a



10. $49 \times 9 \approx$

11. $\frac{1}{4}$ of 100 =

12. 1200 mm = ☐ 1.2 m ☐ 120 m ☐ 0.12 m

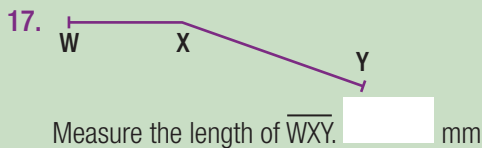
13. Show as a $\frac{1}{4}$ turn clockwise.



14. $21.09 =$ ☐ $20 + 0.1 + 0.9$ ☐ $20 + 1 + 0.9$
☐ $20 + 1 + 0.09$ ☐ $21 + 0.9$

15. $17 \neq 3 \times 6$ ☐ true ☐ false

16. $\frac{1}{2} > \frac{1}{10}$ ☐ true ☐ false



Trace over 25% of the line.

18. Which is heaviest: 1 kg, 300 g or 0.1 t?

19. Halve 34.

20. Double 1945.

MY SCORE

TUESDAY

1. What is the least amount of coins needed to make \$1.30?

2. Is 472 equally divisible by 3?

3. How many faces does a triangular prism have?

4. $105 - 55 =$

5. $(28 \div 4) \times 5 =$

6. How many edges does a solid hemisphere have?

7. Which equation is correct?

☐ $4 \times 9 = 38$

☐ $7 \times 8 = 56$

☐ $6 \times 7 = 43$

☐ $4 \times 12 = 46$

8. $5 \overline{)165} =$

9. 6.00 am hours later 11.00 pm

10. What is the cost of buying 6 kg of peanuts worth \$3.00 per 500 g?

11. 6.9 m = mm

12. 54 9 = 6

13. If yesterday was Thursday, what will be the day after tomorrow?

14. $0.8 + 2.2 =$

15. How many laps would you have to complete in a 50-m pool if you wanted to swim 1100 m?

16. If the date is 7 July, what was the date one week before?

17. $\frac{1}{4}$ of 1000 =

18. $\frac{2}{4} =$ $\frac{1}{2}$

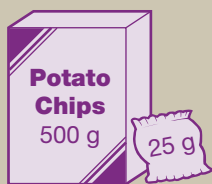
19. Double 29.

20. Joe, the farmer, sold 6 large containers of watermelons. If each container weighed 500 kg, how many tonnes of watermelon were sold?

MY SCORE

WEDNESDAY

- Which three coins are needed to make \$3.20?
, and
- 200, 175, 150,
- $(70 \div 10) \times (6 \div 2) =$
- How many 25-g packets of potato chips does this 500-g box hold?
 packets
- Are your shoes symmetrical in shape? ☐ yes ☐ no
- Round 9.94 to the nearest tenth.
- $5 \overline{)185} =$
- 5.5 km = m
- $7^2 =$
- What is the cost of buying 10 kg of flour worth 65c per kg?
 \$
- Round 23 549 to nearest ten thousand.
- What is the cost of buying 3 L of chocolate ice-cream worth \$2.25 per litre?
 \$
- Can a regular hexagon tessellate? ☐
- How many months are there from 1 March to 1 October?
- 2500 mm = m
- $0.7 + 2.3 =$
- $\frac{1}{4}$ of 36 =
- Write the missing factor of 24.
 1, 2, 3, 4, , 8, 12, 24
- $420 - 60 =$
- $\frac{4}{5} =$ /10



THURSDAY

- Which three coins are needed to make \$4.05?
, and
- $\frac{1}{5}$ of 125 =
- If the date is 7 August, what was the date one week earlier?
- $5 \overline{)205} =$
- Which of these line pairs is parallel?
 A ☐ B ☐ C ☐
- Is 675 divisible by 3? ☐ yes ☐ no
- $3.2 \div 4 =$
- $(45 \div 9) \times (5 + 2) =$
- Write a palindromic number located between 80 and 100.
- Fold paper in half. Cut shape. Unfold. Draw new shape.
- How many vertices does a sphere have?
- How many months are there from 1 April to 1 September?
- Halve 2100.
- Which is the longer distance?
☐ 1 m ☐ 80 cm ☐ 0.1 km
- 150, 300, 450, , 750
- If 2004 was a leap year, which other year was?
☐ 1986 ☐ 1988 ☐ 1990
- Results of chickens' egg laying contest

There were chickens that laid a total of eggs.
- Which equation is true?
☐ $6 \times 9 = 54$ ☐ $5 \times 12 = 70$
☐ $7 \times 9 = 56$ ☐ $8 \times 6 = 46$
- $0.9 + 1.1 =$
- $\frac{6}{20} =$ /40

MONDAY

- What was the time be three-quarters of an hour before? 1.10 ▶ .
- $5000 - 1500 =$
- Draw a reflection of: jp
- $26 + 5 =$
- $4 \overline{)64} =$, $4 \overline{)640} =$
- $3.7 \text{ km} =$ m
- Double 250.
- Round 5.67 to the nearest whole number.
- This is a 
- $\$20.00 - \$19.20 =$
- How many weeks are there in one year?
- Halve 850.
- What is the place value of 2 in 27 500?
- How many sixths are there in a whole?
- In one year, how many months have 31 days?
- $63 \times 6 = (60 \times 6) + (3 \times 6)$
 $=$ $+$
 $=$
- Draw a $\frac{3}{4}$ turn clockwise. E ▶ E
- $\frac{2}{8} + \frac{4}{8} =$
- $0.7 + 0.7 =$
- 20 km — North Beach

18 km — Mettams Pool

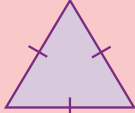
Star Swamp — 48 km

What distance would you travel if you left from North Beach, passed through Mettams Pool and arrived in Star Swamp?

 km

MY SCORE

TUESDAY

- What was the time 45 minutes before? 10.40 ▶ .
- $103 - 6 =$
- $44 + 9 =$
- If Jackson paid \$14.80 for his breakfast, what change would he have received from \$20?
- Write Question 4 as a number sentence.
- In a bicycle race there were three cyclists who completed 50 km each and two cyclists who completed 25 km each. What is the total distance covered by the five cyclists?
- Double 750.
- Round 5.67 to the nearest tenth.
- Draw a reflection of: cd
- If  is north, then  is
- Write $\frac{3}{4}$ as a decimal.
- How many days are there in a leap year?
- $4.09 \times 10 =$
- $4.09 \times 100 =$
- Draw a $\frac{1}{4}$ turn to the right. E ▶ E
- $29 \times 9 \approx$
- Write the date 18 July in numerals.
- Draw 3 lines of symmetry on the triangle. 
- Halve 210.
- $4.5 \div 5 =$

MY SCORE

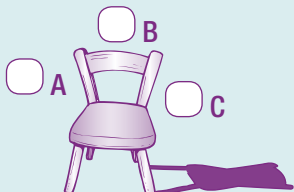
WEDNESDAY

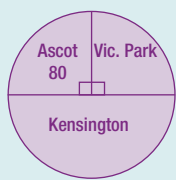
- What was the time three-quarters of an hour before? 12.55 ▶
- $94 + 10 =$
- $1003 - 9 =$
- Double 15.
- Draw a reflection of: EG
- $4 \overline{)92} =$
- $4.6 \text{ kg} =$ g
- Write *twenty-eight thousand, nine hundred and fifteen* as a numeral.
- $62 + 32 =$
- If ↑ is north, then ↙ is
- Complete the magic square.

8		
	5	
4		2
- The population of Cairns is 149 326.
Population means:
 - ☐ the amount of pops living in a town.
 - ☐ the map reference.
 - ☐ the number of people living in a town.
 - ☐ the number of balloons popped in a year.
- $120 - 80 =$
- If you were in Brisbane and the date was 28.2, what season would it be?
- $1750 + 550 =$
- Draw a $\frac{1}{4}$ turn to the left. C E ▶
- $4 - 0.9 =$
- If the temperature was 42°C , it would be:
 - ☐ extremely hot. ☐ warm.
 - ☐ cool. ☐ freezing.
- $2.1 + 0.9 =$
- Halve 650.

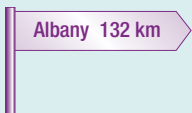
MY SCORE

THURSDAY

- What was the time 45 minutes before? 9.35 ▶
- Is a DVD symmetrical? ☐ yes ☐ no
Shade approximately 60% of this DVD. 
- What is the area of a 6 by 8 grid? squares
- Look at the chair's shadow. Write L in one of the A B C to indicate the light source creating the shadow. 
- Double 1.7.
- $8.7 \text{ m} =$ cm
- $100\,000 - 1000 =$
- How many people support Vic. Park?
Kensington?



Favourite footy team
- Round $3\frac{3}{4}$ to the nearest whole.
- Draw a reflection of: BC
- If you were halfway from the sign to Albany, how many kilometres would you have travelled?


- If a family car weighs about 1.5 tonnes, what would be the total weight of 6 cars?
☐ 156 t ☐ 9 t ☐ 90 t ☐ 1.5 t
- $\frac{1}{10} > \frac{1}{2}$ ☐ true ☐ false
- Show as a $\frac{1}{2}$ turn. F ▶
- Halve 3.8.
- Are disposable batteries symmetrical? ☐ yes ☐ no
- $2.19 \times 100 =$
- $5 - 0.8 =$
- Halve 48. Double 48.
- $41 \div 6 =$ r

MY SCORE

MONDAY

1. Which four coins are needed to make \$1.90?

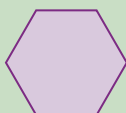
_____, _____, _____ and _____

2. $1004 - 7 =$ _____

3. What is the perimeter of a rectangular office with measures of 25 m by 45 m?

4. $1462 \div 2 =$ _____

5. Draw 6 lines of symmetry on this regular hexagon.

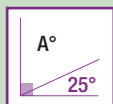


6. Double 900. _____

7. What is the product of 4 and 9? _____

8. What is the place value of 4 in 42 500?

9. What is the value of A° ?



10. $2 \times 25 \times 3 =$ _____

11. Half of 17 = 8.5

Half of 27 = _____

12. Is the letter shape **Z** symmetrical? _____

13. Draw a vertical line. _____

14. $540 + 360 =$ _____

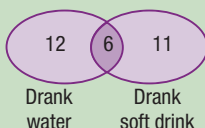
15. $2.0 - 0.2 =$ _____

16. (Roman numeral) C = _____

17. S _____ T

Measure the length of $\overline{ST}$. _____ mm

18. How many people were surveyed?



19. How many laps of a 50-m pool would you have swum to complete 1600 m?

_____ laps

20. 4, 20, 100, 500, _____

MY SCORE

TUESDAY

1. Which three coins are needed to make \$2.30?

_____, _____ and _____

2. $43 - 8 =$ _____

3. Would a cone roll in a straight line? _____

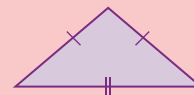
4. Halve 25. _____

5. $\$50 + \$20 = \$$ _____

6. $\$2 + 50c + 20c = \$$ _____

7. $990 + 90 =$ _____

8. What type of triangle is this?



9. $8.2 - 0.9 =$ _____

10. Arrange **4, 0, 7** and **8** to create the largest odd number possible.

11. How many surfaces does a solid hemisphere have?

12. Halve 9. _____

13. $(5 \times 9) \div (10 \div 2) =$ _____

14. W _____ X

Measure the length of $\overline{WX}$. _____ mm

15. What is the cost of 50 kg of potatoes worth 50c per kg?

16. X _____ Y

If $\angle XY = 180^\circ$, then $\angle B =$ _____ $^\circ$.

17. $40 + 40 + 40 =$ _____

18. Draw a reflection of:



19. 2, 10, 50, _____, 1250

20. Write $\frac{1}{4}$ as a decimal. _____

MY SCORE

WEDNESDAY

1. Which five coins are needed to make \$3.75?

, , , and

2. $2100 - 11 =$

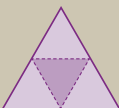
3. $10^2 - 1^2 =$

4. $3 - 0.3 =$

5. 6.00 pm 22 hours later

6. Double 175 to make then double it to make .

7. Halve 39.

8. This is the net for a 

9. Write the missing factor of 36.

1, 2, 3, 4, , 9, 12, 18, 36

10. Write today's date.

11. If a wind is blowing west, do you call it an easterly or a westerly?

12. $20 \times 5 = (20 \times 10) \div 2 = 100$

$24 \times 5 = (24 \times 10) \div 2 =$

13. $(6 \times 3) \div (6 \div 2) =$

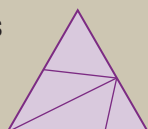
14. Halve 500 = , then halve it = .

15. Draw a 45 mm-long line from A.

A ●

16. What is the total cost of buying 100 kg of broccoli worth \$2.50 per kg?

17. How many triangles can you find?



18. What is the perimeter of a square with 5 cm-long sides?

19. 2, 6, 18, 54,

20. (Roman numeral) XC =

MY SCORE

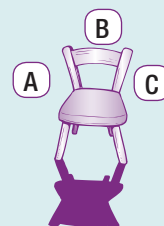
THURSDAY

1. Which four coins are needed to make \$4.60?

, , and

2. 2.00 am 23 hours later

3. Does the shadow of the chair come from a light located at A, B or C?



4. $350 - 80 =$

5. Double 85.

6. $\$14.50 + \$8.50 =$

7. $5 \overline{)805} =$

8. $9 \times 4 = 6 \times$

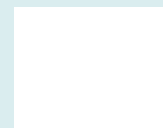
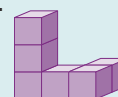
9. $93 + 28 =$

10. When is the next leap year?

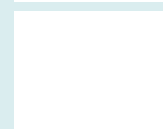
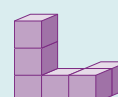
11. $9 \times 3 =$

12. If a wind is blowing south, is the wind direction described as a northerly or southerly?

13. Draw the right side view.



14. Draw the left side view.

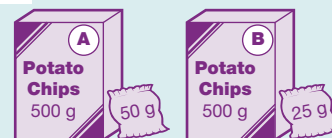


15. If you are going for a 50-km ride on your bike and so far you have travelled 26 km, how far is left to go?

km

16. $0.7 + 1.4 =$

17. Packets of potato chips were boxed.



How many 50-g packets will fit in Box A?

How many 25-g packets will fit in Box B?

18. $7 + 10\,000 + 400 + 60 =$

19. $2.63 \times 10 =$

20. $2.63 \times 100 =$

MY SCORE

FRIDAY TEST WEEK 17

1. What would the time be two-thirds of an hour before?



2. The sum of 19 and 11 =

3. $(4 + 5) \times 11 =$

4. $6^2 =$

5. $120 - 80 =$

6. Draw a net of a cube.

7. $44 \times 6 = (\quad \times 6) + (\quad \times 6)$
 $= \quad + \quad$
 $= \quad$

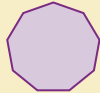
8. X  Y
 Measure $\overline{XY}$. $\quad$ mm

9. $3 + 0.4 + 0.08 =$

10. Convert $\frac{16}{10}$ to a decimal.

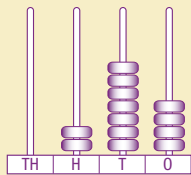
11. $\frac{1}{4}$ of 400 =

12. Name this shape.



13. $130 - 85 =$

14. The abacus shows 274. Add 3 beads to each place value and write the new number.



15. Write *eighty thousand and eighty*.

16. What was the year three decades ago?

17. $\frac{6}{8} - \frac{2}{8} =$

18. 20 laps $\times$ 50-m pool = $\quad$ m

19. Draw a reflection of: 

- | | |
|---|---|
| A Date: 4 June
Time: $3\frac{1}{2}$ hours
before midnight | B Date: 5 June
Time: $2\frac{1}{2}$ hours
before midnight |
|---|---|

How many hours difference is it between A and B?

$\quad$ hours

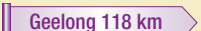
21. Draw as a $\frac{1}{2}$ turn. 

22. $4 \times 12 =$

23. How many odd numbers between 20 and 35?

24. What is the place value of 2 in 23 600?

25. If you are halfway, how far left to go?

 Geelong 118 km

MY SCORE

FRIDAY TEST WEEK 18

1. What is the least amount of coins needed to make \$1.70?

2. $160 - 75 =$

3. Which equation is true?

☐ $5 \times 9 = 59$

☐ $6 \times 9 = 54$

☐ $7 \times 7 = 39$

☐ $8 \times 7 = 54$

4. Name this shape.



5. What date is one week after 24 May?

6. $(80 \div 10) \times (5 \div 1) =$

7. $18.18 =$ ☐ $10 + 8 + 1 + 0.8$

☐ $10 + 8 + 0.01 + 0.8$

☐ $10 + 8 + 0.1 + 0.08$

☐ $10 + 8 + 0.01 + 0.08$

8. Can a regular hexagon tessellate?

9. Halve 2300.

10. $\frac{1}{4}$ of 1000 =

11. 4.7 km = $\quad$ m

12. 1400 mm = ☐ 1.4 m ☐ 140 m ☐ 0.14 m

13. 300, 275, 250, $\quad$

14. Draw a $\frac{1}{4}$ turn right.



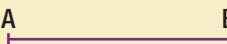
15. $\frac{4}{5} = \frac{8}{\quad}$

16. 1980 was a leap year. What was the first leap year in the 1990s?

17. $5 \overline{)305} =$

18. Draw a pair of parallel lines.

19. What is the cost of buying 6 kg of almonds worth \$11.20 per kg?

20. A  B

Measure $\overline{AB}$. $\quad$ mm

21. If you swam 30 laps at your local 50-m pool, how far did you swim?

22. (Roman numeral) LXXIX =

23. How many faces on a square pyramid?

24. Which is heaviest?

☐ 200 kg

☐ 2000 g

☐ 0.1 t

25. Round 19 590 to the nearest thousand.

MY SCORE

FRIDAY TEST WEEK 19

1. What was the time three-quarters of an hour before?



2. $\frac{1}{5} < \frac{1}{2}$ ☐ true ☐ false

3. $5 \overline{)215} =$

4. $63 \times 7 = (60 \times 7) + (3 \times 7)$

= +

=

5. If a family car weighs around 1.5 t, what would be the total weight of 4 cars?

☐ 15.4 t ☐ 6 t ☐ 5 t ☐ 4.5 t

6. Draw a reflection of:

qr

7. Round 8.87 to the nearest tenth.

8. $100\,000 - 10\,000 =$

9. Name this shape.

10. $130 - 90 =$

11. Write the seventh of June in numerals.

12. 2.7 m = cm

13. $\$20.00 - \$18.10 =$

14. If is north, then is .

15. Is a rake symmetrical?

16. Draw a $\frac{1}{4}$ left turn.

17. $5000 - 1500 =$

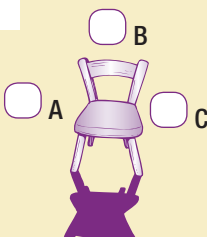
18. Write *twenty-five thousand and twenty-five* as a numeral.

19. What is likely to be the population of a city?

☐ half ☐ 1570 ☐ km
☐ 271 954 ☐ $\frac{3}{4}$

20. Write $\frac{2}{4}$ as a decimal.

21. Write to indicate the light source that made the shadow.



22. Double 350.

23. $90 + 30 =$

24. $2 - 0.9 =$

25. $3.5 \div 5 =$

MY SCORE

FRIDAY TEST WEEK 20

1. Which 4 coins can be used to make \$3.30?

, , ,

2. $39 + 7 =$

3. $110 - 60 =$

4. If a wind is heading east, the wind is known as:

☐ easterly. ☐ westerly.

5. Name this shape.



6. Halve 31.

7. Draw the lines of symmetry.



8. $24 - 9 =$

9. 5, 20, 80, , 1280

10. What is the angle of B?



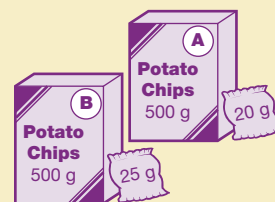
11. $84 + 29 =$

12. How many 20-g packets

will fit in Box A?

How many 25-g packets

will fit in Box B?



13. 3, 6, 12, 24, , 96

14. Is this a net for a cube?



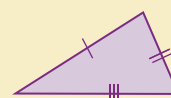
15. $(42 \times 10) \div 2 = 42 \times 5 =$

16. How many surfaces does a sphere have?

17. Round 6.47 to the nearest tenth.

18. $2.92 \times 100 =$

19. Name this triangle.



20. Round 24 905 to the nearest thousand.

21. What is the perimeter of a warehouse that is 45 m by 35 m?

22. How many triangles can you find?



23. If a fence costs \$20.00 per metre length, how much would you pay for 20 m of fencing?

24. = \$



25. Write $\frac{1}{4}$ as a decimal.

MY SCORE

WEEK 17

MONDAY

- 10:55
- 20 000
- 
- 99
- 110
- Answers may vary; e.g. 360, 390, 400.
- 33 720
- 10
- B
- 89
- 1500
- 6
- am
- 2
- 1.4
- 50
- 30
- 750 m
- $A = \$4.50$, $B = \$52.50$
- $\frac{8}{10}$

TUESDAY

- 4.10
- hemisphere
- 55
- 0
- 0.01
- 35
- 36
- August
- 7
- 51
- Teacher check
- 6.3 cm
- 221 km
- 0.75
- Wednesday
- 25 500
- 3470
- 150 m
- $\frac{5}{10}$
- 14 000

WEDNESDAY

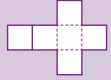
- 5.40
- 3.00 am
- 1700
- 140
- Teacher check
- 0.03
- Answers may vary; e.g. 900, 990, 10 000.
- 33
- Tuesday
- decagon
- 72 mm
- 99.8
- 3
- 100
- 121
-  
- 14 700
- $\frac{4}{6}$
- \$12.50

20. 57 km

THURSDAY

- 2.30
- 60
- 7
- 717
- 2.7 or 2.8
- 12 hours
- 39 mm
- 200 m
- 35
- 
- 110 000
- 7430
- $(50 \times 7) + (3 \times 7) = 350 + 21 = 371$
- hexagonal prism
- 0.7
- 4
- an open box
- 50
- 309 000
- 200

FRIDAY

- 1.25
- 30
- 99
- 36
- 40
- 
- $(40 \times 6) + (4 \times 6) = 240 + 24 = 264$
- 32 mm
- 3.48
- 1.6
- 100
- nonagon
- 45
- 3607
- 80 080
- Teacher check
- $\frac{4}{8}$
- 1000 m

19. 
20. 25 hours

21.  
22. 48
23. 7
24. 10 000
25. 59 km

WEEK 18

MONDAY

- 2 (\$1, 50c)
- 1 May
- cone
- 66
- 35
- 9
- 93
- 25
- square pyramid

10. Answers will vary; e.g. 450, 490, 500.

11. 25
12. 1.2 m
- 
13. $20 + 1 + 0.09$
14. true
15. true
16. 40 mm, Teacher check shading
18. 0.1 t
19. 17
20. 3890

TUESDAY

- 3 (\$1, 20c, 10c)
- no
- 5
- 50
- 35
- 0
- $7 \times 8 = 56$
- 33
- 17 hours
- \$36
- 6900
- $\div$
- Sunday
- 3.0
- 22
- 30 June
- 250
- $\frac{1}{2}$
- 58
- 3 t

WEDNESDAY

- \$2, \$1, 20c
- 125
- 21
- 20
- no
- 9.9
- 37
- 5500 m
- 49
- \$6.50
- 20 000
- \$6.75
- yes
- 7
- 2.5
- 3.0
- 9
- 6
- 360
- $\frac{8}{10}$

THURSDAY

- \$2, \$2, 5c
- 25
- 31 July
- 41
- C
- yes
- 0.8
- 35
- 88 or 99
- 

11. 0
12. 5
13. 1050
14. 0.1 km
15. 600
16. 1988
17. 16 chickens, 58 eggs
18. $6 \times 9 = 54$
19. 2.0
20. $\frac{12}{40}$

FRIDAY

- 3
- 85
- $6 \times 9 = 54$
- sphere
- 31 May
- 40
- $10 + 8 + 0.1 + 0.08$
- yes
- 1150
- 250
- 4700
- 1.4 m
- 225
- 
- $\frac{8}{10}$
- 1992
- 61
- Teacher check
- \$67.20
- 30 mm
- 1500 m
- 79
- 5
- 200 kg
- 20 000

WEEK 19

MONDAY

- 12.25
- 3500
- 
- 31
- 16, 160
- 3700 m
- 500
- 6
- trapezium
- 80c
- 52
- 425
- 10 000
- 6
- 7
- $360 + 18 = 378$
-  
- $\frac{8}{8}$
- 1.4
- 68 km

TUESDAY

- 9.55
- 97
- 53
- \$5.20

5. $\$20 - \$14.80 = \$5.20$
- 200 km
- 1500
- 5.7

- 
- 9.
- north-west
- 0.75
- 366
- 40.9
- 409
- 
- Answers will vary; e.g. 270, 290, 300.
- 18.7 or 18.07

- 
- 18.
- 105
- 0.9

WEDNESDAY

- 12.10
- 104
- 994
- 30
- 
- 23
- 4600 g
- 28 915
- 94
- south-west

- | | | |
|---|---|---|
| 8 | 1 | 6 |
| 3 | 5 | 7 |
| 4 | 9 | 2 |
- the number of people living in a town
- 40
- summer
- 2300
- 
- 
- 3.1
- extremely hot
- 3.0
- 325

THURSDAY

- 8.50
- yes, Teacher check shading
- 48
- A
- 3.4
- 870
- 99 000
- 80, 160
- 3
- 
- 66 km
- 9 t
- false
- 

15. 1.9
16. yes
17. 219
18. 4.2
19. 24, 96
20. 6 r 5

FRIDAY

1. 7.45
2. true
3. 43
4. $420 + 21 = 441$
5. 6 t
6. 
7. 8.9
8. 90 000
9. decagon
10. 40
11. 7.6
12. 270
13. \$1.90
14. south-east
15. yes



16. 
17. 3500
18. 25 025
19. 120 354
20. 0.5
21. B
22. 700
23. 120
24. 1.1
25. 0.7

WEEK 20

MONDAY

1. \$1, 50c, 20c, 20c
2. 997
3. 140 m
4. 731
5. 
6. 1800
7. 36
8. 10 000
9. 65°
10. 150
11. 13.5
12. no
13. 
14. 900
15. 1.8
16. 100
17. 37 mm
18. 29
19. 32 laps
20. 2500

TUESDAY

1. \$2, 20c, 10c
2. 35
3. no
4. 12.5
5. \$230

6. \$15.40
7. 1080
8. isosceles
9. 7.3
10. 8407
11. 2
12. 4.5
13. 9
14. 27 mm
15. \$25
16. 60°
17. 120

E

- 18.
19. 250
20. 0.25

WEDNESDAY

1. \$2, \$1, 50c, 20c, 5c
2. 2089
3. 99
4. 2.7
5. 4.00 pm
6. 350, 700
7. 19.5
8. triangular pyramid
9. 6
10. Teacher check
11. easterly
12. 120
13. 6
14. 250, 125
15. check
16. \$250
17. 7
18. 20 cm
19. 162
20. 90

THURSDAY

1. \$2, \$2, 50c, 10c
2. 1.00 am
3. B
4. 270
5. 170
6. \$23
7. 161
8. 6
9. 121
10. Teacher check
11. 27
12. northerly
13. 
14. 
15. 24 km
16. 2.1
17. $A = 10, B = 20$
18. 10 467
19. 26.3
20. 263

FRIDAY

1. \$2, \$1, 20c, 10c
2. 46
3. 50
4. westerly
5. hemisphere

6. $15\frac{1}{2}$ or 15.5



- 7.
8. 15
9. 320
10. 50°
11. 113
12. $A = 25, B = 20$
13. 48
14. no
15. 210
16. 1
17. 6.5
18. 292
19. scalene
20. 25 000
21. 160 m
22. 7
23. \$400.00
24. \$68.50
25. 0.25

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1

WEDNESDAY

- Draw clock hands to show 4.50.
- $490 + 340 =$
- Complete the number line.
- If $6 + 4 = 2 \times u$, then $u =$
- Area $(L \times W) =$
- $\frac{1}{2} = (a) \frac{1}{4} (b) \frac{1}{8} (c) \frac{1}{16}$
- $\frac{1}{2} = 0.5$, how many plums would be in a 1-kg bag?
- Is this angle likely to be 45° or 115° ?
- 1.11 km = m
- What is this 3-D shape?
- 4.00 pm $\rightarrow$ 2.00 am
What is the time difference?
- $14 \times 17 =$
- $4 \times 7 = 28$, $8 \times 7 = 56$, $16 \times 7 =$
- In 23 000 the meaning of 2 is 20 000. Its place value is: 1000, 10 000.
- $54 \div = 6$
- Simplify $\frac{1}{2}$
- What is the probability of picking a Jack from a pack of 52 playing cards?
- 9995, 9997, 9999.

THURSDAY

- Draw clock hands to show 3.05.
- $10\% = \frac{1}{10} = 0.1$
- Area $(L \times W) =$
- For Question 3, the perimeter = m.
- 0.565 km = m
- $\frac{1}{2} = \frac{1}{2}$
- $200 - 39 =$
- If a plum weighs about 50 g, how many plums would be in a 1-kg bag?
- The sum of 8 and 7 is
- Draw a reflection of the letter shape.
- $87 + 49 =$
- Which 2 equations are true?
(a) $15 \times 9 = 40$
(b) $8 \times 6 = 48$
(c) $180 \div 4 = 9$
(d) $32 \div 4 = 9$
- add x add =
- $50 \div 40 =$
- On a compass rose, what direction is this?
- $6.15 \text{ pm} \rightarrow 3.00 \text{ am}$
What is the time difference?
- If the ratio of boys to girls is 2:1, how many boys are there if there are 5 girls?
- $-52 = 149$
- Is -3 (negative 3) greater than (-) or less than (-) 17?
- Use the abacus to show 3.054.

2

MATHS FACTS

3

FRIDAY TEST WEEK 26

FRIDAY TEST WEEK 26

Useful maths reference included in each workbook.

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4

STUDENT RECORD SHEET

Week	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30
M	M	M	M	M	M	M	M	M	M	M
Tu	Tu	Tu	Tu	Tu	Tu	Tu	Tu	Tu	Tu	Tu
W	W	W	W	W	W	W	W	W	W	W
Th	Th	Th	Th	Th	Th	Th	Th	Th	Th	Th
F	F	F	F	F	F	F	F	F	F	F

Student record sheet

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