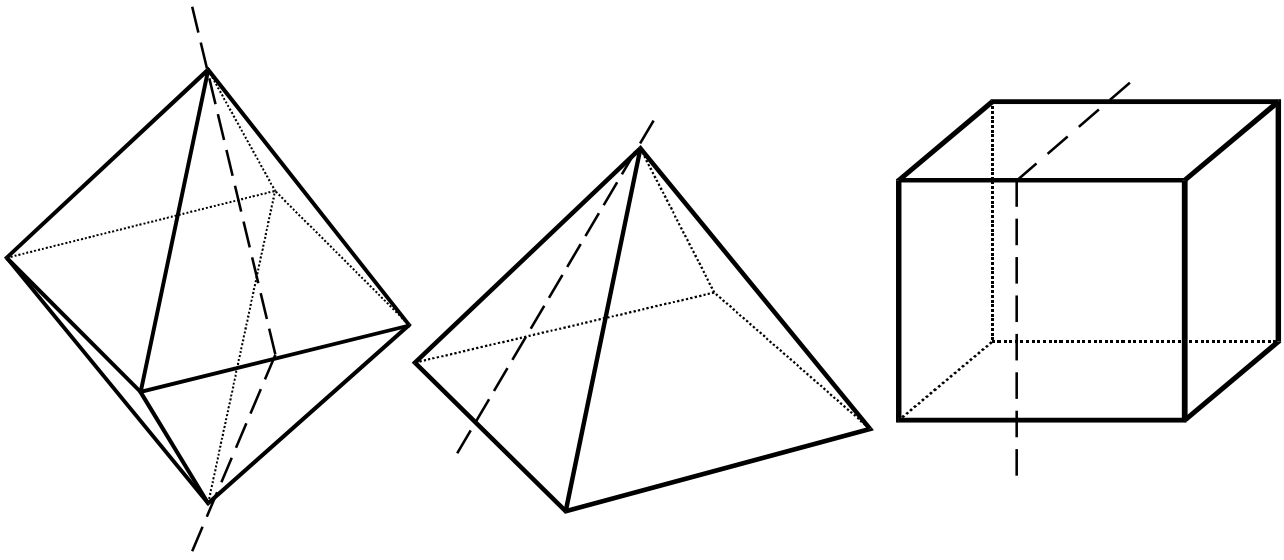
E-book Code:
REAU0012

The Shapes & Spaces Series

Book 2 - For 8 to 10 Year Olds

SHAPES AND SPACES

FOR MIDDLE PRIMARY STUDENTS



Written by Judy Gabrovec. Illustrated by Melinda Parker.
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Published by Ready-Ed Publications (2000) P.O. Box 276 Greenwood W.A. 6024

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ISBN 1 86397 338 9

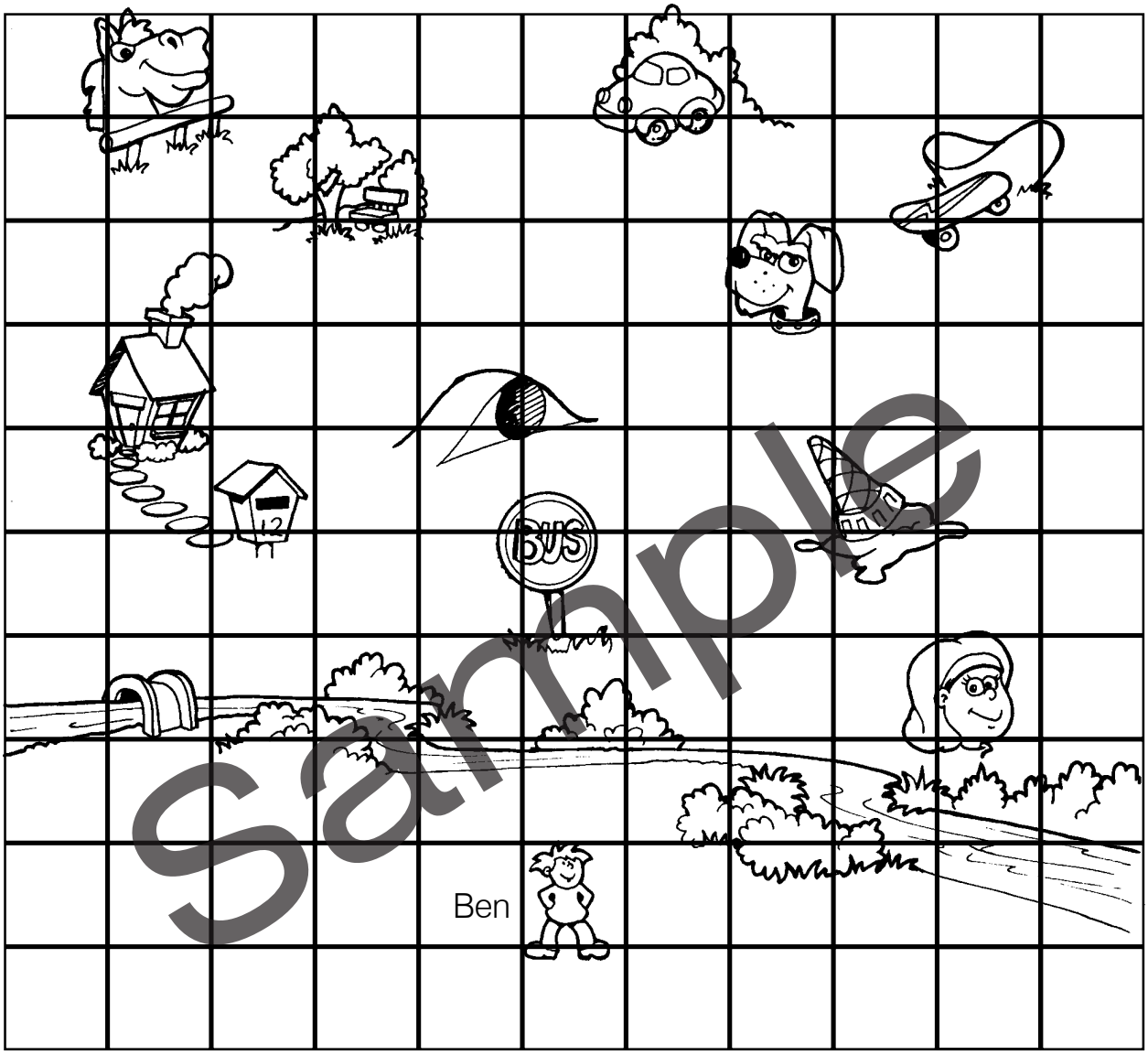
Contents

SAMPLE

Achievement Objective: Use instructions to follow a pathway where movements are in order.

Pathways 1

❑ Follow the pathways to find out where Ben stopped on each different day. Use the points of the compass to help you follow the pathways accurately.



Sample

Pathways	Ben stopped at the
1. Monday N4 E2 N4 W1	.....
2. Tuesday S1 W5 N6 E4	.....
3. Wednesday E4 N5 W5 N2 E5	.....
4. Thursday N7 W2 N1 W2 S3	.....
5. Friday W3 N5 E5 N2 W4	.....
6. Saturday N8 W4 S1 E8	.....
7. Sunday N2 E3 N2 W7 S2	.....

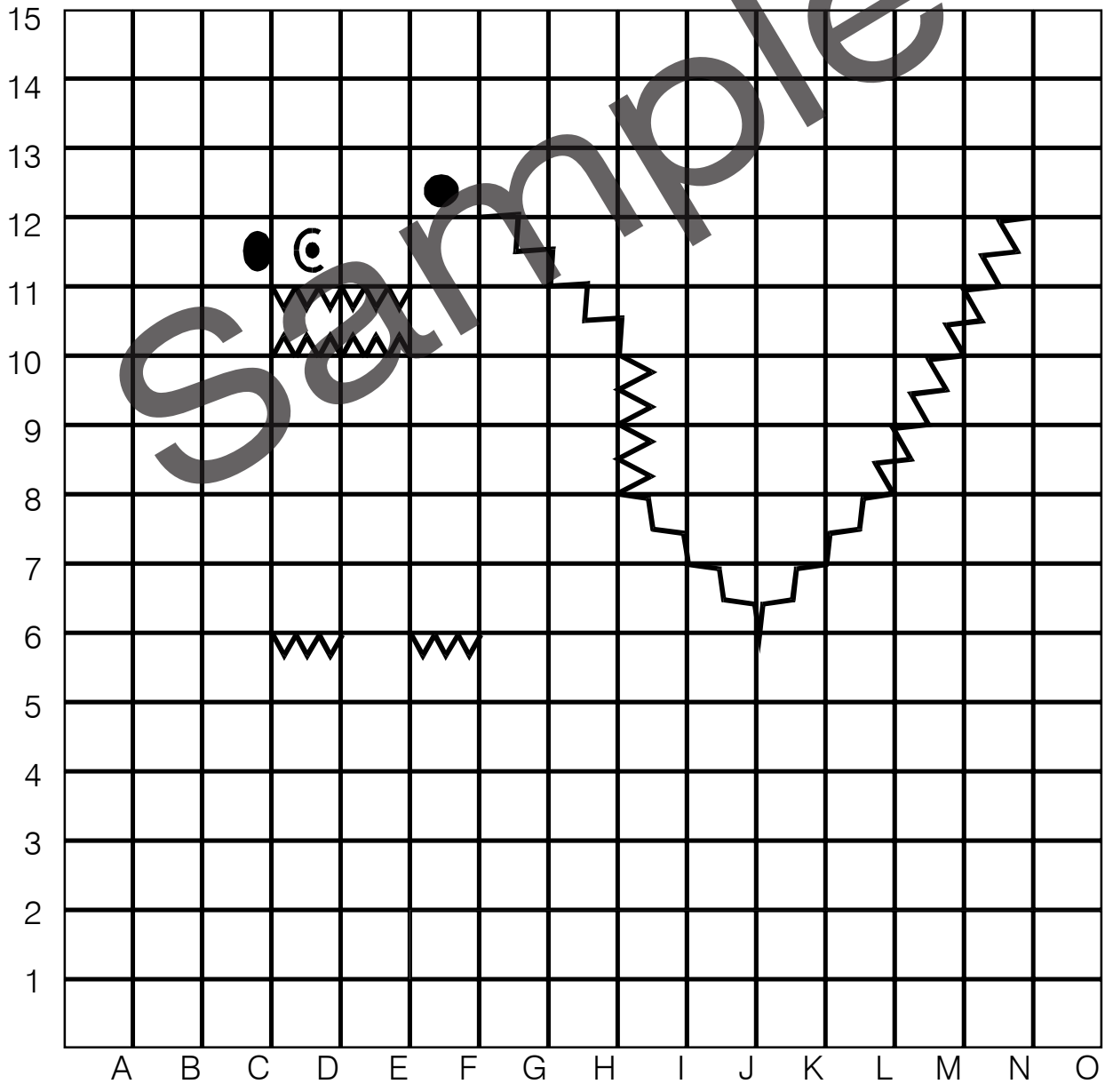
N
W E
S

Ordered Pairs

When you use ordered pairs or co-ordinates the horizontal axis is always put first.

❑ Try tracing these (• starting point)

- B1, D1, F3, G2, G1, I1, L4, M6, N9, N12, L8, J6, H8, H10, F12, F13, E13, E12, C12, C11, E11, E10, C10, D9, F9, D7, D5, F3
- E8, D8, C7, C6, D6
- G8, F8, E7, E6, F6, F7, G7
- G2, H2, I3, H4, H5, I6, J6
- B1, B2, C2, D3, C4, C5, D6
- B2, A1, B1
- G2, F1, G1



Sample

Similar Figures

❑ Look at all the figures below.

Identify all the circles. How many?..... Colour them red.

Identify all the rectangles. How many? ..... Colour them green.

Identify all the triangles. How many? ..... Colour them blue.

Identify all the squares. How many? ..... Colour them black.

Identify all the ovals. How many?..... Colour them yellow.

How many shapes left over?.....

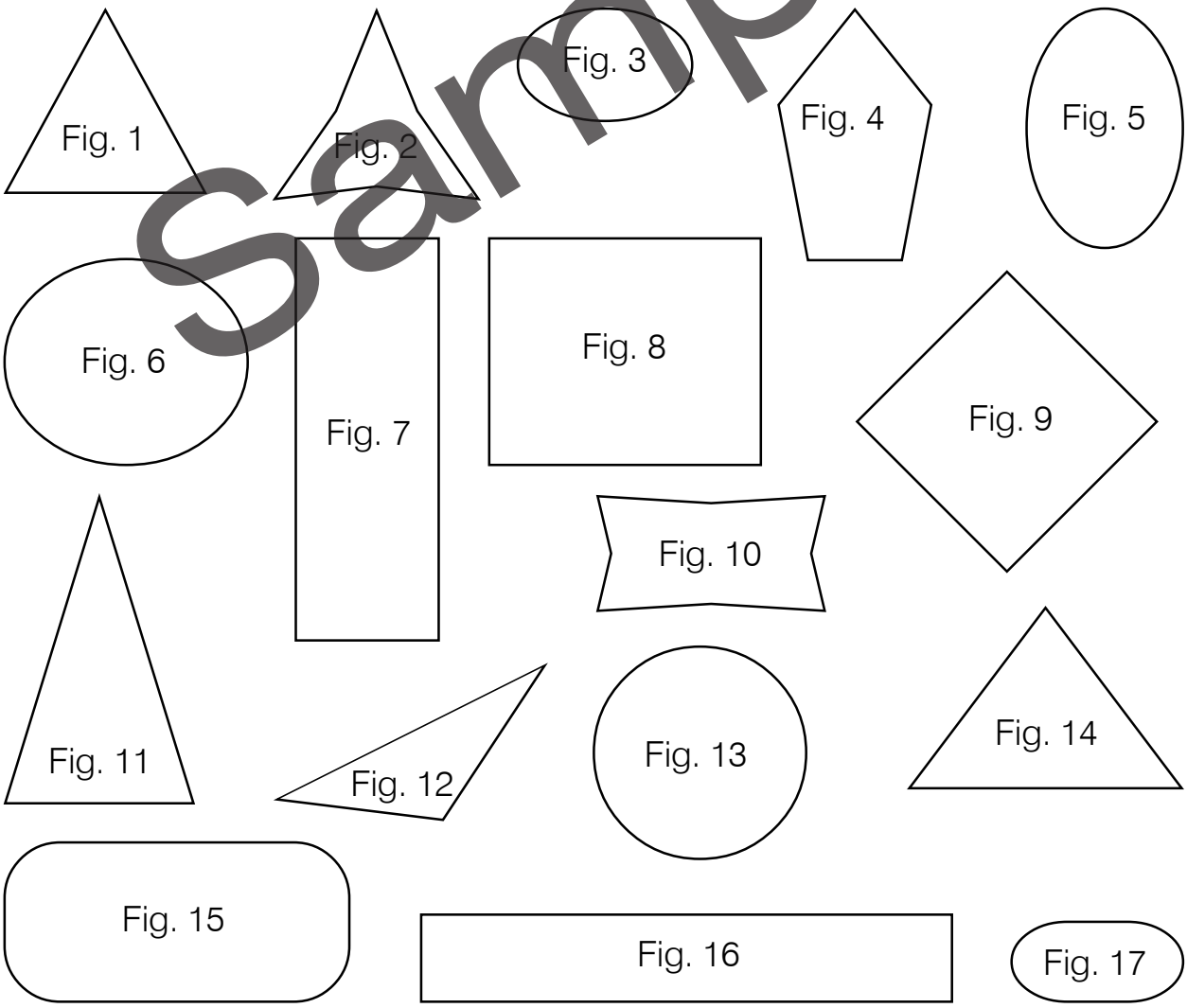
Explain why they do not fit into the shapes categories above. .....

.....

.....

.....

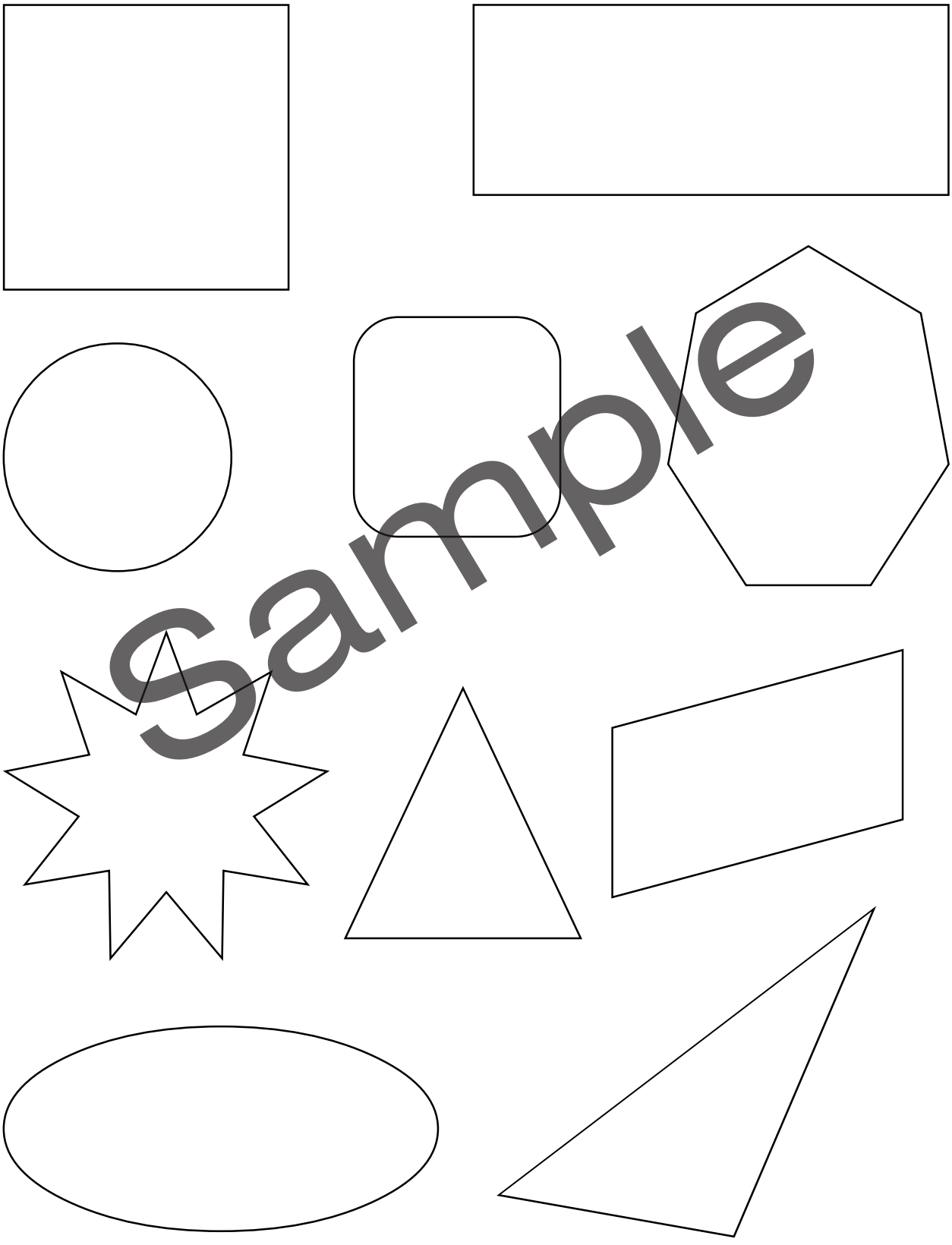
.....



Sample

Features of 2-D Shapes 1

❑ Discuss the features of the 2-D shapes below.
Use the table on the next page to classify the 2-D shapes.

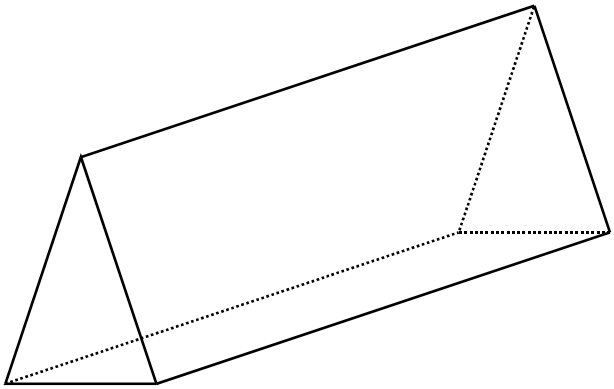


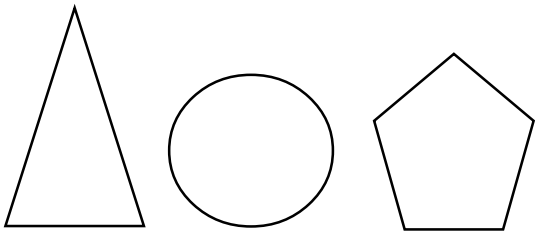
Sample

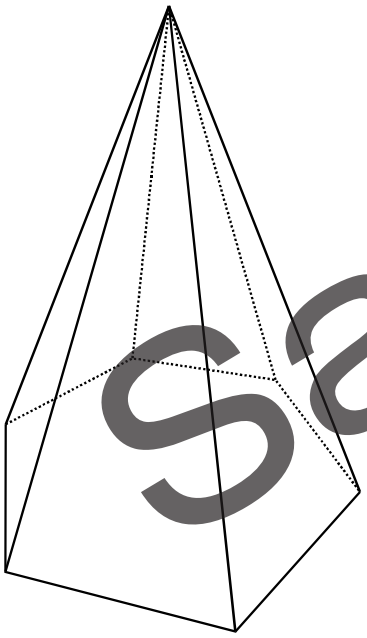
A 3-D Shape and its Faces

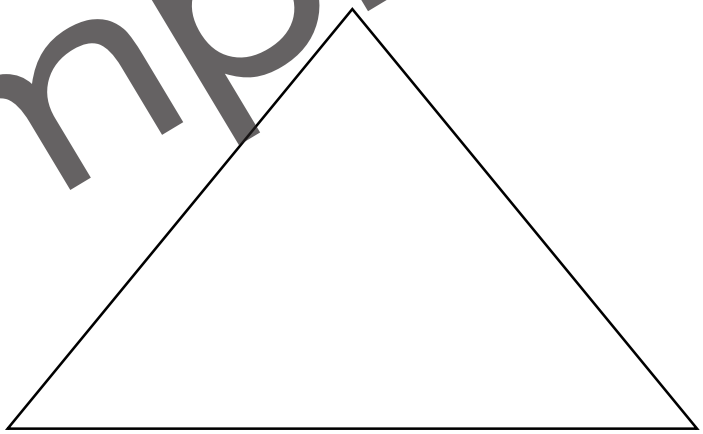
❑ Use the models of 3-D shapes on pages 39, 43 and 44 to help you do this activity.

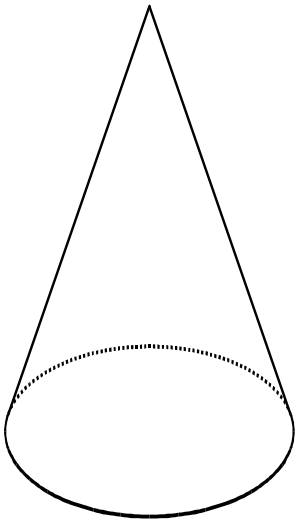
Draw lines to show which 2-D shapes match the faces of the 3-D shapes.

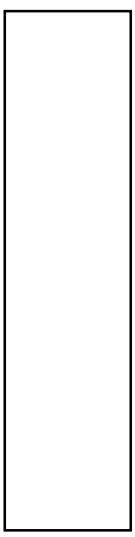


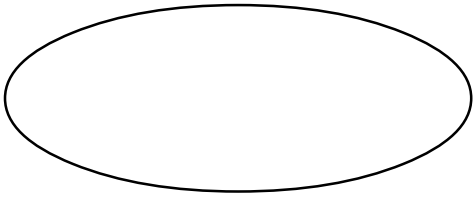


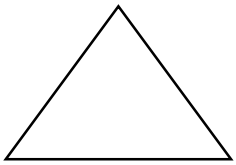


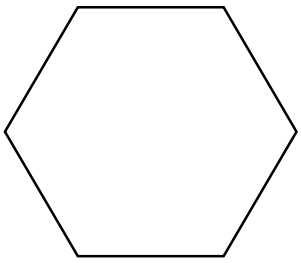












Sample