

4.5.20

LO. To be able to recognise and describe 2D shapes

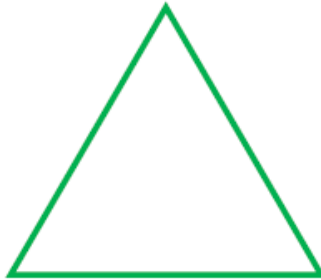
Mild

1. True or false?

- i. Shape A has 4 lines of symmetry.
- ii. Shape B has 4 sides.
- iii. Shape C has 4 equal sides.



A



B

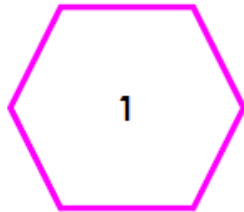


C



VF
HW/Ext

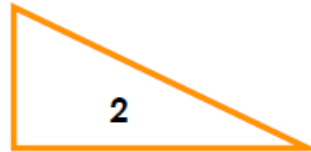
2. Match the shapes to their descriptions.



1

A

3 sides of
different lengths
0 lines of
symmetry



2

B

6 sides of
equal length
6 lines of
symmetry

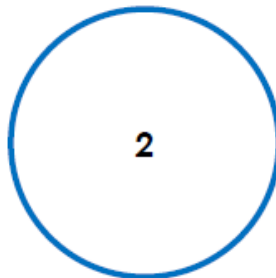


VF
HW/Ext

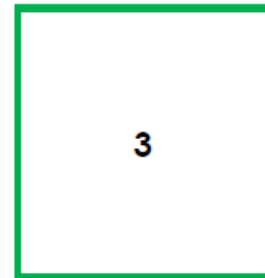
3. Circle the odd one out.



1



2



3

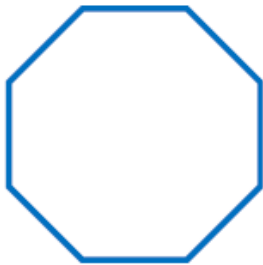
Explain your reasoning.



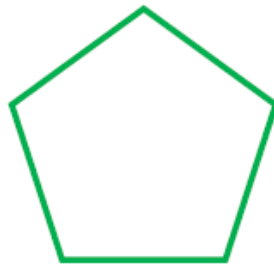
RPS
HW/Ext

4. True or false?

- i. Shape A has 6 sides of different lengths.
- ii. Shape B has 5 equal sides and 5 lines of symmetry.
- iii. Shape C has 2 pairs of parallel sides and 4 right angles.



A



B

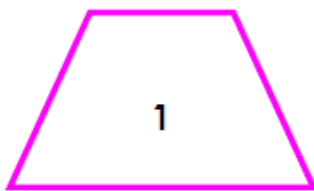


C



VF
HW/Ext

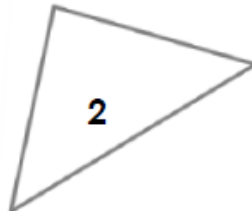
5. Match the shapes to their descriptions.



1

A

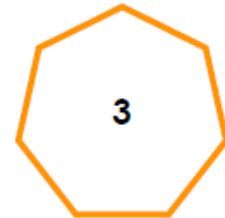
equal sides
equal angles
7 lines of
symmetry



2

B

1 pair of
parallel sides
2 acute angles
2 obtuse angles



3

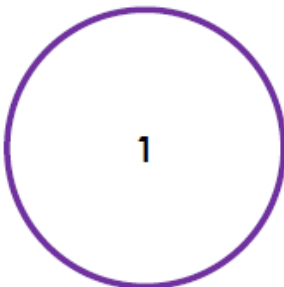
C

3 sides of
different lengths
3 acute angles
0 right angles

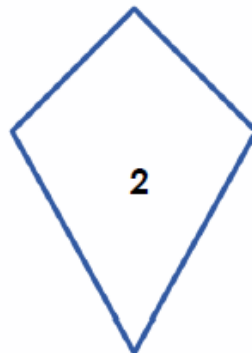


VF
HW/Ext

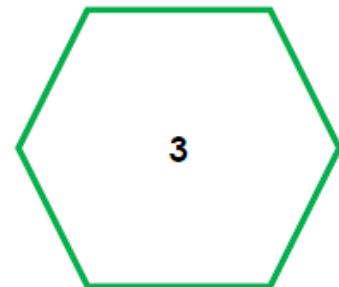
6. Circle the odd one out.



1



2



3

Explain your reasoning.



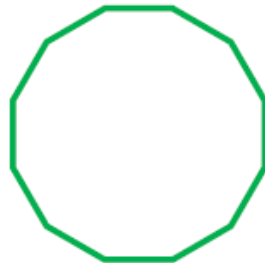
RPS
HW/Ext

7. True or false?

- i. Shape A has 4 equal sides, 4 right angles and 2 lines of symmetry.
- ii. Shape B is an irregular shape, has 10 straight sides and 12 acute angles.
- iii. Shape C has 8 straight sides, 2 pairs of parallel sides and 8 right angles.



A



B

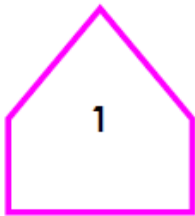


C



VF
HW/Ext

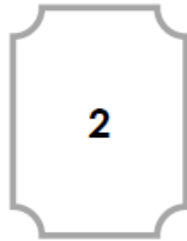
8. Match the shapes to their descriptions.



1

A

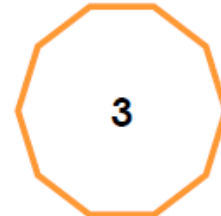
equal sides
equal angles
10 lines of
symmetry



2

B

1 pair of
parallel sides
1 line of
symmetry



3

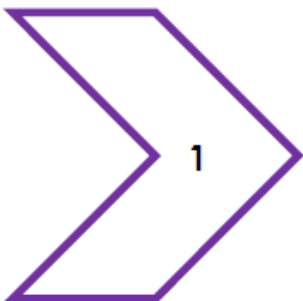
C

2 pairs of
parallel sides
0 right angles
irregular

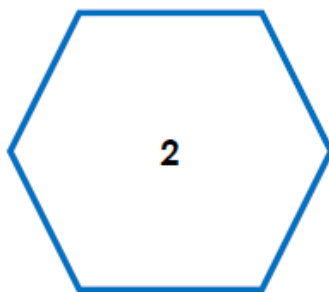


VF
HW/Ext

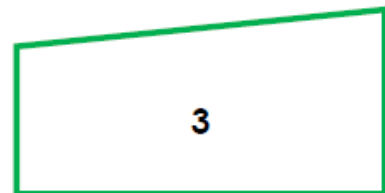
9. Circle the odd one out.



1



2



3

Explain your reasoning.



RPS
HW/Ext

Answers:

Developing

1. i. True; ii. False, Shape B has 3 sides; iii. False, Shape C has 2 pairs of equal sides
2. 1B, 2A
3. Various possible answers, for example: Shape 2 is the odd one out because the square and rectangle have 4 straight sides.

Expected

4. i. False, Shape A has 8 sides of equal length; ii. True; iii. False, Shape C has 2 pairs of parallel lines, 2 acute angles and 2 obtuse angles
5. 1B, 2C, 3A
6. Various possible answers, for example: Shape 2 is the odd one out because it only has one line of symmetry.

Greater Depth

7. i. False, Shape A has 5 straight lines of different lengths, 3 right angles and 0 lines of symmetry; ii. False, Shape B is a regular shape, has 12 straight sides and 12 obtuse angles; iii. False, Shape C has 6 straight sides and 5 right angles
8. 1B, 2C, 3A
9. Various possible answers, for example: Shape 3 is the odd one out because it is the only shape that does not have 6 sides.