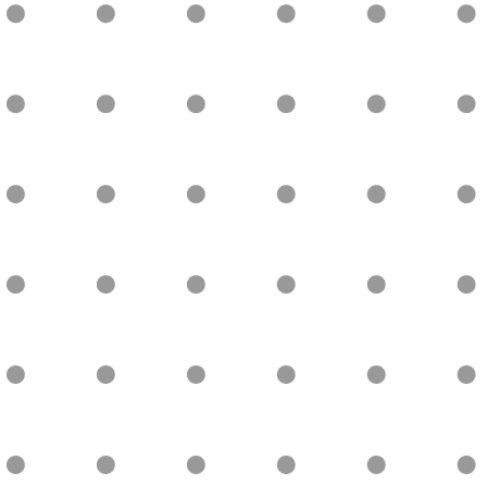
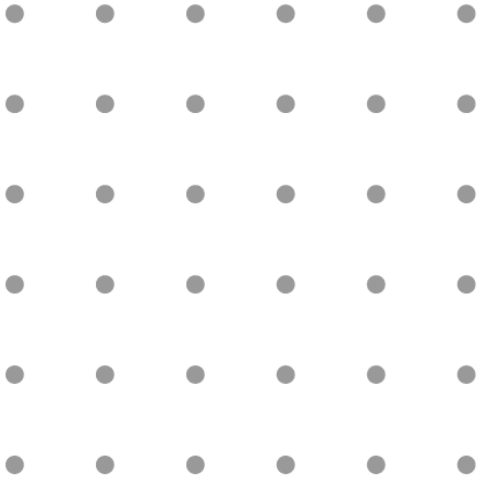
Resources

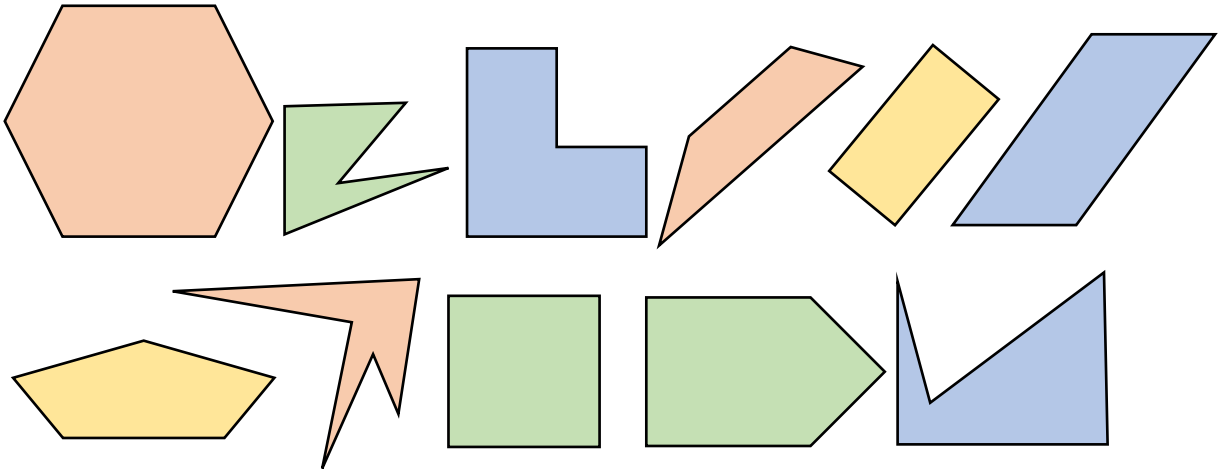
6.



7.



Larger images for questions 8 and 9.



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Arithmetic

1. 630 ÷ 9	**2.** 50 x 90	**3.** 400 ÷ 50	**4.** 121 x 6

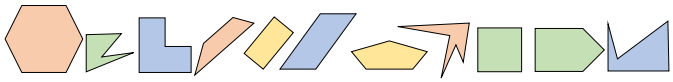
Practice: Regular and Irregular Polygons

5. Recap: Define 'regular polygon' and 'irregular polygon'.

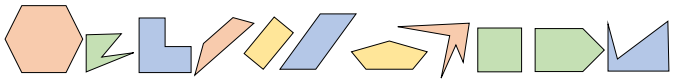
6. Draw a regular polygon on the dotted grid.

7. Draw an irregular polygon on the dotted grid.

8. How many irregular shapes are there?



9. Name the regular shapes shown.



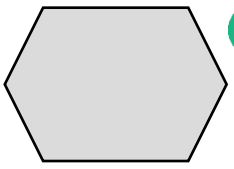
10. Think about the definition of a regular 2D shape. Is a rectangle an example of a regular quadrilateral?

11. Using a ruler, draw an irregular pentagon.

12. Using a ruler, draw an irregular octagon.

13. This shape is regular.

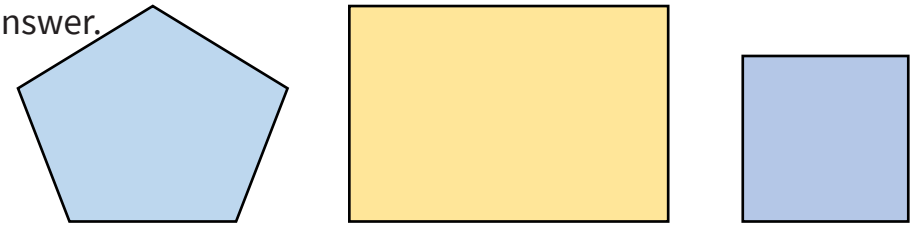
Is this correct? Explain.



Challenge

14. Which one is the odd one out?

Explain your answer.



You might want to talk to an adult

Spot the mistake

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Answers

Q no.	Question	Answer
1	630 ÷ 9	70
2	50 x 90	4,500
3	400 ÷ 50	8
4	121 x 6	726
5	Define 'regular polygon' and 'irregular polygon'	A regular polygon has sides that are all equal and angles that are all equal. Irregular polygons do not have equal sides and equal angles.
6	Draw a regular polygon on the dotted grid.	Correctly drawn regular polygon.
7	Draw an irregular polygon on the dotted grid.	Correctly drawn irregular polygon.
8	How many irregular shapes are there?	9
9	Name the regular shapes shown.	Hexagon, square
10	Is a rectangle an example of a regular quadrilateral?	A rectangle is an irregular shape as it has unequal sides.
11	Using a ruler, draw an irregular pentagon.	Correctly drawn – 5 sides, all different.
12	Using a ruler, draw an irregular octagon.	Correctly drawn – 8 sides, all different.
13	This shape is regular. Is this correct? Explain.	The shape looks similar to a regular shape, however, when measured all the sides are not equal.
14	Which one is the odd one out? Explain your answer.	Answers will vary depending on the shape the pupil has selected. Example answers: The square is the odd one out as it is the only regular shape. The rectangle is the odd one out as it is not blue. The pentagon is the odd one out as it is not a quadrilateral.

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