Answers

Types of Triangles

1. scalene
2. isosceles
3. equilateral
4. isosceles
5. right angle
6. equilateral
7. right angle
8. scalene

Sorting Quadrilaterals

Rectangle
Angles: All angles are right angles.
Sides: Opposite sides are parallel. Opposite sides are equal length.
Symmetrical? Yes. Two lines of symmetry.

Square
Angles: All angles are right angles.
Sides: Opposite sides are parallel. All sides are equal length.
Symmetrical? Yes. Four lines of symmetry.

Rhombus
Angles: Opposite angles are equal.
Sides: All sides are equal length.
Symmetrical? Yes. Two lines of symmetry.

Parallelogram
Angles: Opposite angles are equal.
Sides: Opposite sides are parallel. Opposite sides are equal in length.
Symmetrical? Only if a square or a rectangle.

Trapezium
Angles: Angles add up to 360°.
Sides: One pair of opposite sides are parallel.
Symmetrical? Only if it is an isosceles trapezium (both angles at the end of parallel line are equal).

Kite
Angles: One pair of equal angles.
Sides: Two pairs of adjacent sides are equal in length.
Symmetrical? Yes. One line of symmetry.

Answers

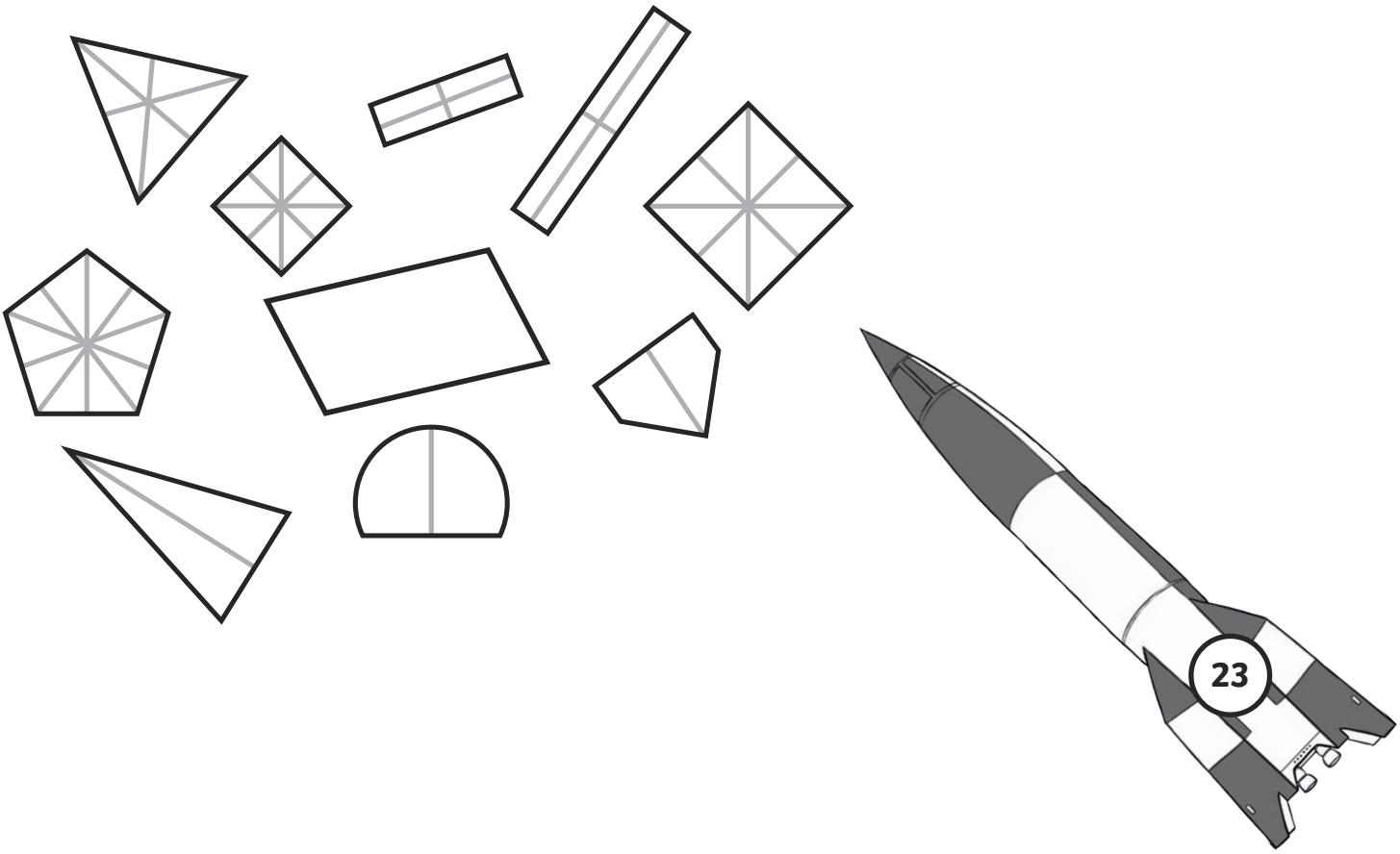
Ordering Angles

1. d b a c
2. a b d c
3. d c b a
4. c a b d
5. d c b a
6. a c d b
7. b a d c
8. b d a c
9. b a d c
10. c d b a

Acute and Obtuse Angles

1. acute
2. obtuse
3. right angle
4. acute
5. acute
6. obtuse
7. right angle
8. acute

Planet Symmetry



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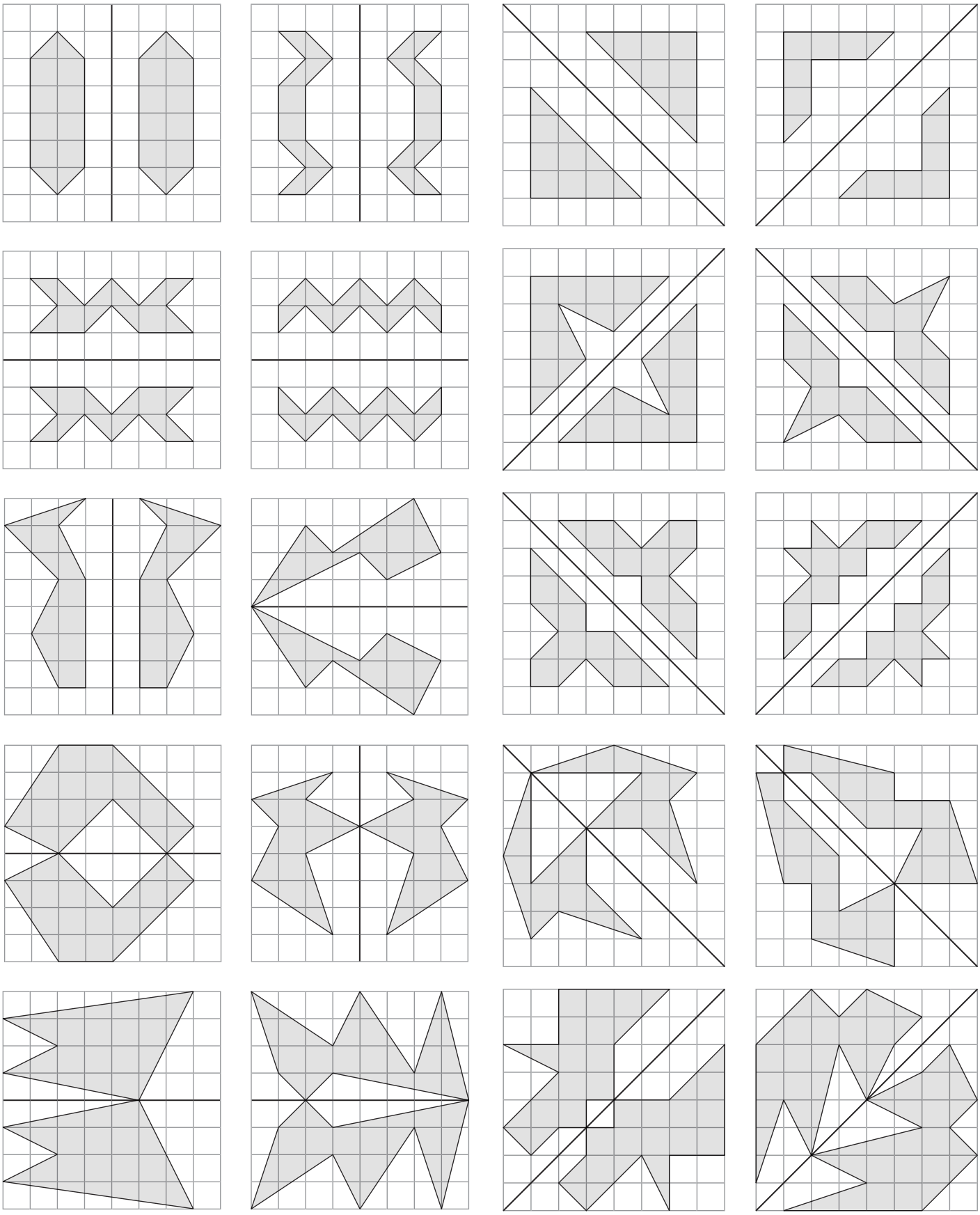
Answers

Simple Reflection Figures



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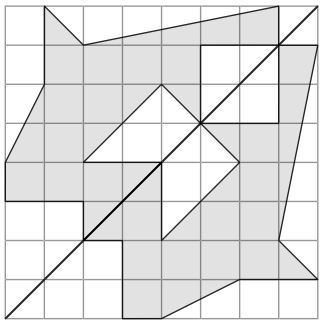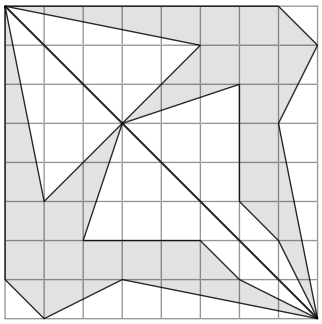
Simple Reflection Figures