Arithmetic

Pages 42 and 43 — Multiplying Fractions

1) $\frac{1}{18}$

2) $\frac{28}{45}$ (**1 mark**)

3) $\frac{35}{48}$ (**1 mark**)

4) $\frac{9}{44}$ (**1 mark**)

5) $\frac{28}{45}$ (**1 mark**)

6) $\frac{9}{40}$ (**1 mark**)

7) $\frac{5}{14}$ (**1 mark**)

8) $\frac{9}{40}$ (**1 mark**)

9) $3\frac{1}{3}$

10) $3\frac{6}{7}$ (**1 mark**)

11) $4\frac{7}{8}$ (**1 mark**)

12) $15\frac{1}{3}$ (**1 mark**)

13) $16\frac{6}{11}$ (**1 mark**)

14) $22\frac{3}{5}$ (**1 mark**)

15) $25\frac{2}{7}$ (**1 mark**)

16) 46 (**1 mark**)

Page 44 — Dividing Fractions

1) $\frac{1}{12}$

2) $\frac{3}{20}$ (**1 mark**)

3) $\frac{7}{40}$ (**1 mark**)

4) $\frac{5}{48}$ (**1 mark**)

5) $\frac{1}{18}$ (**1 mark**)

6) $\frac{2}{77}$ (**1 mark**)

7) $\frac{3}{56}$ (**1 mark**)

8) $\frac{6}{133}$ (**1 mark**)

Page 45 and 46 — Percentages

1) 6

2) 5 (**1 mark**)

3) 12 (**1 mark**)

4) 52 (**1 mark**)

5) 90 (**1 mark**)

6) 147 (**1 mark**)

7) 2.8 (**1 mark**)

8) 47.7 (**1 mark**)

9) 4

10) 18 (**1 mark**)

11) 12 (**1 mark**)

12) 39 (**1 mark**)

13) 294 (**1 mark**)

14) 96 (**1 mark**)

15) 9 (**1 mark**)

16) 33 (**1 mark**)

Page 47 — Decimals, Fractions and Percentages

1) 86.1% (**1 mark**)

2) 0.07 (**1 mark**)

3) 60% (**1 mark**)

4) 7% (**1 mark**)

5) $\frac{7}{10}$ (**1 mark**)

6) $\frac{9}{25}$ (**1 mark**)

Geometry, Measures & Statistics
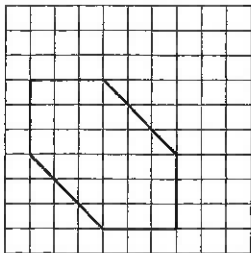
Geometry, Measures & Statistics

Section 1 – Geometry

Pages 1 and 2 — 2D Shapes

1) E.g.

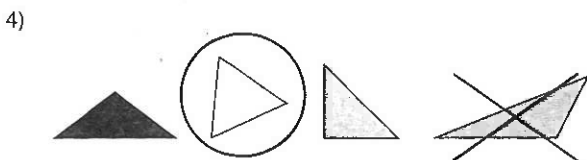(or add any 3 straight lines to complete the shape) (**1 mark**)

2)

It has three sides. Two sides are the same length. Two of the angles are equal.	Equilateral Triangle
It has four sides. It has two pairs of parallel sides. It has four right angles.	Regular Pentagon
It has five sides. All sides are the same length. All of the angles are equal.	Rectangle
	Isosceles Triangle
	Regular Hexagon
	Parallelogram

(**1 mark** for each correct line
— not including isosceles triangle)

3)

Shape	Shape Properties			
	2 or more equal angles	Regular	At least one pair of parallel sides	Quadrilateral
(trapezium)	×	×	✓	✓
(square)	✓	✓	✓	✓
(triangle)	✓	×	×	×

(**1 mark** for each correct row)

4)

(**1 mark** for each correct triangle)

5)

	Regular	Irregular
Has at least one right angle	☐ ☒	▱
Has no right angles	⬡ ⬠	◺

(**1 mark**)

6) D (**1 mark**)
   E (**1 mark**)

7) TRUE
   FALSE
   TRUE
   (**2 marks** if all three are correct, otherwise
   1 mark if one or two are correct)

Page 3 — Circles

1) 3 cm (6 ÷ 2) (**1 mark**)
2) 15 cm (30 ÷ 2) (**1 mark**)
   Circumference (**1 mark**)
3) 40 m (20 × 2) (**1 mark**)