

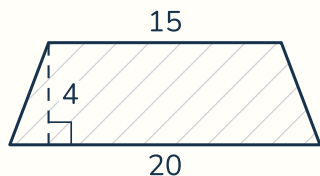
Area of figures — Trapezoids

Name: _____

Date: _____

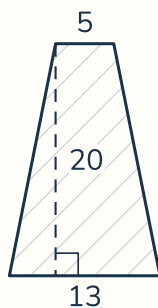
Find the area. Lengths are in cm; the dashed line is the height.

1



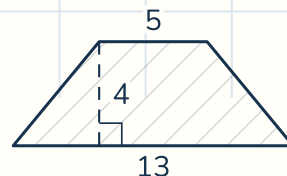
_____ cm²

2



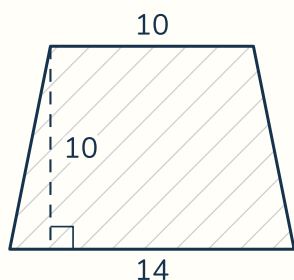
_____ cm²

3



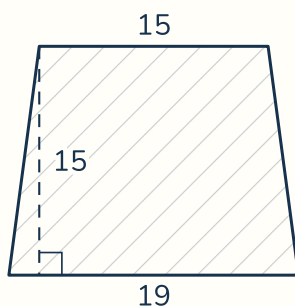
_____ cm²

4



_____ cm²

5



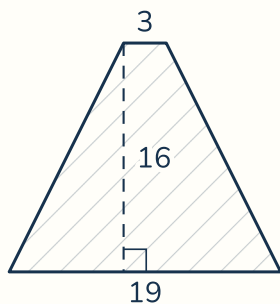
_____ cm²

6



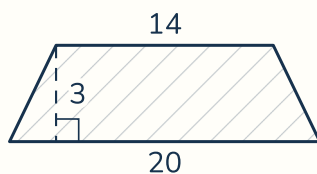
_____ cm²

7



_____ cm²

8



_____ cm²



Area of figures · Trapezoids — Answer key

1. trapezoid $(15 + 20) \div 2 \times 4 = 70 \text{ cm}^2$

2. trapezoid $(5 + 13) \div 2 \times 20 = 180 \text{ cm}^2$

3. trapezoid $(5 + 13) \div 2 \times 4 = 36 \text{ cm}^2$

4. trapezoid $(10 + 14) \div 2 \times 10 = 120 \text{ cm}^2$

5. trapezoid $(15 + 19) \div 2 \times 15 = 255 \text{ cm}^2$

6. trapezoid $(3 + 8) \div 2 \times 16 = 88 \text{ cm}^2$

7. trapezoid $(3 + 19) \div 2 \times 16 = 176 \text{ cm}^2$

8. trapezoid $(14 + 20) \div 2 \times 3 = 51 \text{ cm}^2$

