Name: Date:

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| --- |
| Finding the area of a triangle **½ b × h**“length × width ÷2” ... ***“T for Triangle/ T for Two – divide by 2”***5 m3 m4 me.g.  Area = **3** × **4** ÷ 2 = **6 m2**   |

**Exercise:** Find the area of these triangles. Don’t forget the units.

13 m

5 m

12 m

10 cm

6 cm

8 cm

**1. 2.**

**3. 4.**

11 cm

5 cm

8 cm

9 m

5 m

7 m

8 m

17 mm

8 mm

15 mm

**5.**  **6.**

6 m

8 m

10 m

**7.**

5 cm

13 cm

12 cm

|  |
| --- |
| Finding the area of a parallelogram***“Say No to Slants”***Area = *b* x *h*10 m***Remember to multiply two numbers that are at right angles – remember SNoTS!!!***e.g. 6 m **5 m** Area = **10** × **5**  = **50 m2** |

**Exercise:** Find the area of these parallelograms. Don’t forget the units.

**1.** **2.**

6 cm

9 cm

5 cm

5 cm

4 cm

7 cm

**3.** **4.**

8 cm

7 cm

9 cm

2 mm

3 mm

4 mm

**5.**  **6.**

10 cm

8 cm

13 cm

4 m

7 m

9 m

|  |
| --- |
| Finding the area of a Trapezium½(a + b) x h***SNOTS!******“Say No to Slants”******“T for Trapezium/ T for Two – divide by 2”***“add the top/bottom (parallel sides), times by distance between then half”.7 cm5 cm6 cm3 cm4 cme.g. **3** + **7** = 10 10 × **4** = 40  40 ÷ 2 = **20 cm2** |

1. **2.**

4 cm

9 cm

6 cm

10 cm

7 cm

5 cm

7 cm

6 cm

4 cm

9 cm

1. **4.**

7 cm

8 cm

6 cm

5 cm

11 mm

5 mm

9 mm

8 mm

**5.**

6 m

5 m

10 m

|  |
| --- |
| Finding the area of an irregular shapeNow try to do it without the two rectangles showing by drawing a line to **‘chop’** the shape into **two rectangles.**e.g. 6 cm7 cm4 cm5 cm6 cm7 cm4 cm5 cm5 x 46 x 7 Total area = 6 × 7 + 5 × 4 = 42 + 20 = 62 cm2 |

**Exercise:** Find the area of these irregular shapes. Don’t forget the units.

**1. 2.**

5 cm

7 cm

4 cm

6 cm

4 cm

6 cm

3 cm

7 cm

**3. 4.**

5 m

4 m

3 m

9 m

10 m

4 m

7 m

3 m

5 m

5 m

2 m

3 m

14 m

6 m

**5. 6.**

5 cm

8 cm

13 cm

12 cm

Answers:

Triangles

1. 24 cm2
2. 30 m2
3. 20 m2
4. 20 cm2
5. 24 m2
6. 60 mm2
7. 60 cm2

Parallelograms

1. 28 cm2
2. 45 cm2
3. 8 mm2
4. 56 cm2
5. 28 m2
6. 80 cm2

Trapeziums

1. 28 cm2
2. 42 cm2
3. 35 cm2
4. 56 mm2
5. 45 m2

Irregular Shapes

1. 59 cm2
2. 45 cm2
3. 51 m2
4. 49 m2
5. 116 cm2
6. 74 m2