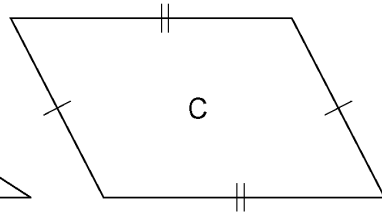
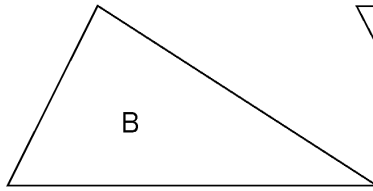
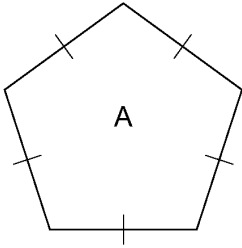


Master

## Extra Practice 1

### Lesson 1: Perimeter

1. Find the perimeter of each polygon.



2. The perimeter of an isosceles triangle is 24 cm.  
How long might each side be? Give 3 different answers.

### Lesson 2: Exploring Rectangles

1. Which rectangle has the greater area? How do you know?  
 a) Rectangle A with length 20 cm and width 5 cm  
 b) Rectangle B with length 13 cm and width 12 cm
2. The perimeter of a rectangle is 30 cm.  
Find the whole-number dimensions of the rectangle with:  
 a) the least area  
 b) the greatest area

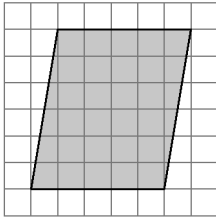
Master

## Extra Practice 2

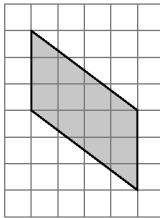
### Lesson 4: Area of a Parallelogram

1. Find the area of each parallelogram.

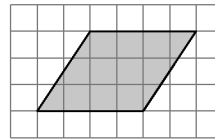
a)



b)



c)



2. A

parallelogram with height 11 cm has area  $132 \text{ cm}^2$ .  
What is the length of the base?

### Lesson 5: Exploring Triangles and Rectangles

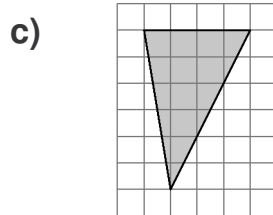
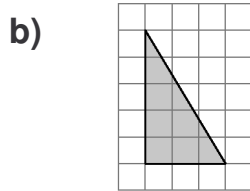
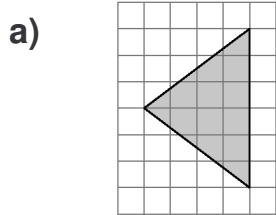
1. A triangle has base 8 cm and height 9 cm.  
Find the area of the triangle.
2. A rectangle and a triangle each have a base 7 cm long.  
Both figures have area  $28 \text{ cm}^2$ .  
What is the height of the triangle?

**Master**

**Extra Practice 3**

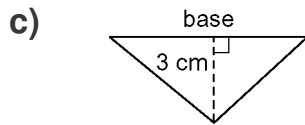
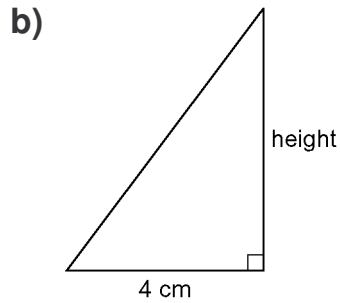
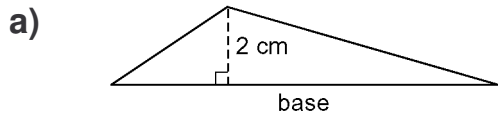
**Lesson 6: Exploring Triangles and Parallelograms**

1. Find the area of each triangle.



Each triangle has area  $12 \text{ cm}^2$ . Find each base or height.

2. Each



**Master 9.20**

**Extra Practice Sample Answers**

**Extra Practice 1 – Master 9.17**

**Lesson 1**

1. A: 11 cm; B: 13.5 cm; C: 14 cm
2. 10 cm, 10 cm, 4 cm  
6 cm, 9 cm, 9 cm  
7 cm, 7 cm, 10 cm

**Lesson 2**

1. Rectangle B has area 156 cm<sup>2</sup>.  
Rectangle A has area 100 cm<sup>2</sup>.  
Rectangle B has greater area.
2. a) 1 cm by 14 cm  
b) 7 cm by 8 cm

**Extra Practice 2 – Master 9.18**

**Lesson 4**

1. a) 30 square units  
b) 12 square units  
c) 12 square units
2. 12 cm

**Lesson 5**

1. 36 cm<sup>2</sup>
2. 8 cm

**Extra Practice 3 – Master 9.19**

**Lesson 6**

1. a) 12 square units  
b) 7.5 square units  
c) 12 square units
2. a) 12 cm      b) 6 cm      c) 8 cm