

Area of Triangle - Practice Activity Sheet

Name: _____ Date: _____

Instructions: Find the area of each triangle using the formula $A = (1/2) \times b \times h$. Show your working. Units are given in each problem. Round decimal answers to 2 decimal places.

1. Base = 6 cm, Height = 4 cm. Find the area.

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2. Base = 10 m, Height = 5 m. Find the area.

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3. Base = 8 in, Height = 3 in. Find the area.

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4. Base = 7 ft, Height = 9 ft. Find the area.

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5. Base = 12 cm, Height = 6.5 cm. Find the area.

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6. A right triangle has legs 9 cm and 12 cm. Find the area. (Hint: the legs are the base and height.)

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7. Base = 15 m, Height = 8 m. Find the area.

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8. Area = 30 cm^2 , Base = 10 cm. Find the height.

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9. Area = 45 ft^2 , Height = 9 ft. Find the base.

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10. A triangle has base $(3x)$ cm and height (4) cm. Its area is 24 cm^2 . Find x .

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Answer Key

1. 12 cm^2

2. 25 m^2

3. 12 in^2

4. 31.5 ft^2

5. 39 cm^2

6. 54 cm^2

7. 60 m^2

8. 6 cm

9. 10 ft

10. $x = 4$