

Chapter 7 BLM Answers

BLM 7-3 Chapter 7

Section 7.1

1. 0.28
2. 24 cm
3. 7.5
4. 68°
5. 20 cm

Section 7.2

1. No
2. Yes
3. 2.5 cm
4. 40 m
5. 18 cm, 3 cm; 8 cm, 3 cm, 6 cm, 1 cm, 2 cm

Section 7.3

1. 0.933
2. 22 m
3. 45
4. 2.2 ft
5. 17.5 m

Section 7.4

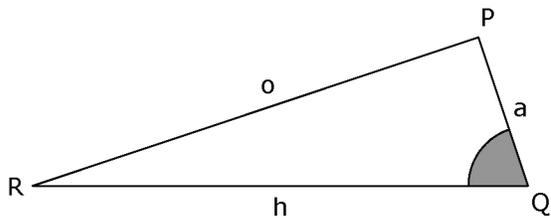
1. 0.755
2. 0.839
3. 61
4. 13.4 m
5. 20.5 cm

BLM 7-5 Section 7.1 Extra Practice

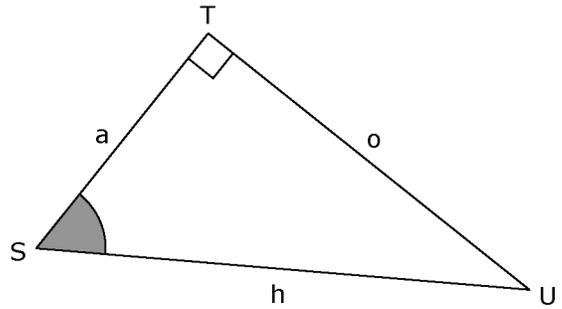
1. a) Yes b) No
2. a) 2.1 cm b) 3.6
3. Example: Use scale of 1 inch to 1 foot.
4. 2 m, 5 m; 7.5 m, 2.5 m, 5 m, 12.5 m, 15 m
5. 10, 5, 10; 2, 5, 2, 3, 2, 1, 2, 1
6. 96, 60; Example: Using scale 1:12: 2, 8, 5, 2, 3, 6

BLM 7-9 Section 7.2 Extra Practice

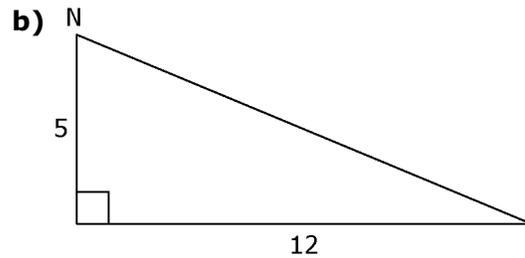
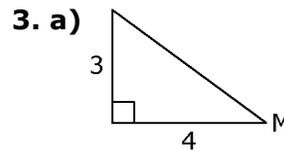
1. a)



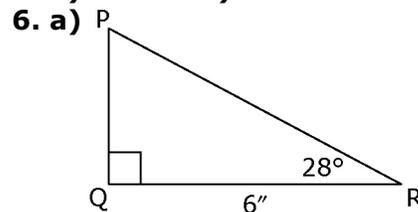
- b)



2. a) $\frac{40}{9}$ b) $\frac{9}{40}$



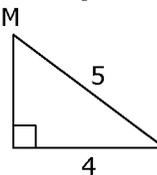
4. 21 m
5. a) 16 cm b) 14



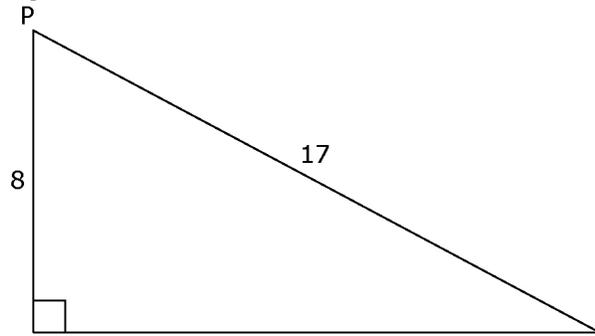
- b) 3.2

BLM 7-11 Section 7.3 Extra Practice

1. a) $\frac{24}{25}$ b) $\frac{7}{25}$ c) $\frac{7}{25}$ d) $\frac{24}{25}$
2. a) 0.259 b) 0.927 c) 0.616 d) 0.602
- e) 0.982 f) 0.070
3. a)



b)



4. a) 2.5 b) 9.5 c) 8.9 d) 92.7
5. a) 10 b) 11 cm c) 30 d) 84 m
6. 10 m
7. 10.5'

BLM 7-13 Section 7.4 Extra Practice

1. a) 10° b) 80° c) 36° d) 54°
2. a) 25° b) 65° c) 65° d) 25°
3. a) 47° b) 32° c) 43° d) 22°
4. 54°
5. 53°

BLM 7-14 Chapter 7 Test

1. B
2. B
3. D
4. B
5. A
6. A
7. 28.7 cm, 18.4 cm, 40°
8. a) 19.4 ft b) 76°
9. 57.4 ft

