

Trigonometry Worksheet Answers

Ex 1

1. a) 4.0 cm b) 43.9 cm c) 20.8 cm
d) 3.9 cm
2. a) 37° b) 56° c) 31° d) 34°
3. a) 5.0 cm b) 6.6 cm c) 9.3 cm
d) 28.5 cm

Ex 2

1. (a) 45.6° (b) 58.0° (c) 3.89 cm (d) 33.8 m
2. (a) 1.75 (b) 60.3° 3. (a) 12.7 cm (b) 5.92 cm (c) 36.1°
4. 5.39 cm 5. (a) 220° (b) 295°
6. 0.335 m
7. (a) 6.61 cm (b) 12.8 cm (c) 5.67 cm 8. (a) 86.9 cm (b) 53.6 cm (c) 133 cm
9. 52.4 m 10. (a) 14.1 cm (b) 35.3° (c) 35.3°
11. (a) 6.63 cm (b) 41.8° 12. (a) 11.3 cm (b) 8.25 cm (c) 55.6°
13. 45.2 km, 33.6 km 14. 73.4° 15. 8.76 m, 9.99 m
16. 0.539 17. 4.12 cm, 9.93 cm 18. 26.4°

Ex 3

1. 26 m 2. (a) 102.7° (b) 68.2° 3. 22.5° 4. 66.0 m
5. (b) (i) 22 km (ii) 35.3° (iii) 240.3°
6. (a) (i) 062° (ii) 201° (b) 420 m (c) 394 m (d) 42