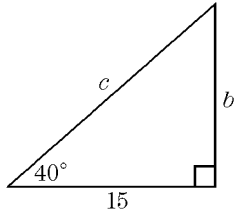
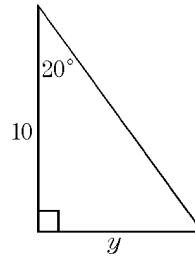


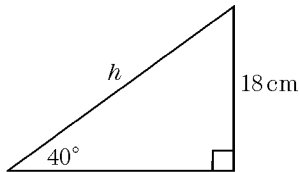
1. Find the value of c to the nearest unit.



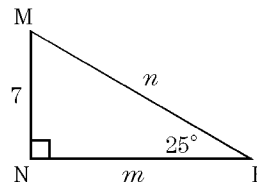
5. Find the value of y to the nearest tenth.



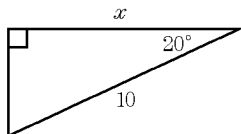
2. Find the value of h to the nearest centimetre.



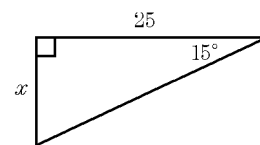
6. What is the length of side \overline{NP} to one decimal place?



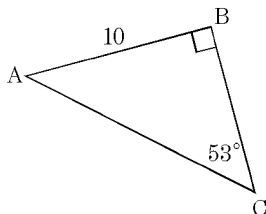
3. Find the value of x to the nearest tenth.



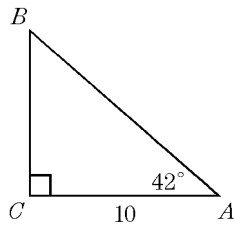
7. Find x to the nearest tenth.



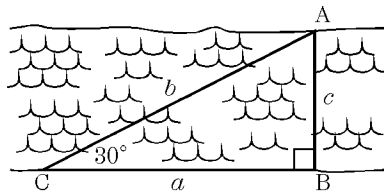
4. Find the length of \overline{AC} to the nearest tenth.



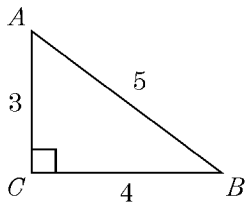
8. What is the length of side \overline{BC} to one decimal place?



9. In $\triangle ABC$, Jacob finds that the measure of side $a = 25$ m. What is the shortest distance across the river?



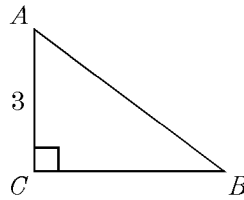
10. $\sin \angle \text{---} = \frac{4}{5}$



11. $\cos \angle \text{---} = \frac{3}{5}$

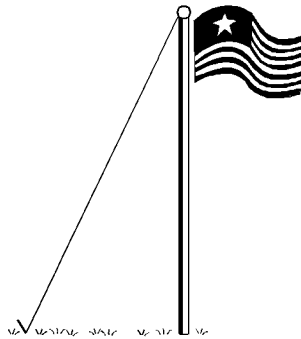
12. $\tan \angle \text{---} = \frac{4}{3}$

13. If $\sin \angle B = \frac{3}{4}$, find AB .



14. If $\cos \angle A = \frac{1}{3}$, find BC .

15. A wire is attached to the top of a 7.5 meter tall flagpole and forms a 60° angle with the ground. Exactly how long is the wire? Express your answer in simplest radical form.



1.
Answer: 20
2.
Answer: 28 cm
3.
Answer: 9.4
4.
Answer: 12.5
5.
Answer: 3.6
6.
Answer: 15.0
7.
Answer: 6.7
8.
Answer: 9.0
9.
Answer: 14.4 m
10.
Answer: A
11.
Answer: A
12.
Answer: A
13.
Answer: 4
14.
Answer: $6\sqrt{2}$
15.
Answer: $5\sqrt{3}$ m