

Basic trig - cosine #2

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Find each angle measure to the nearest degree.

1) $\cos Y = 0.6018$

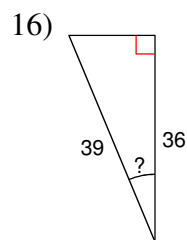
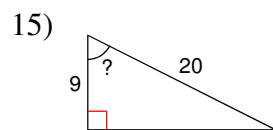
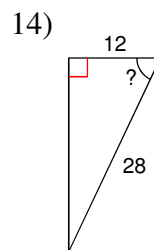
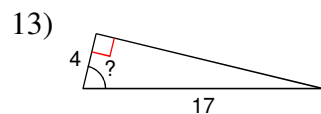
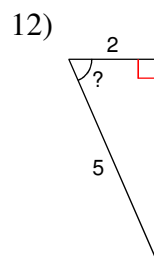
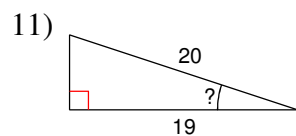
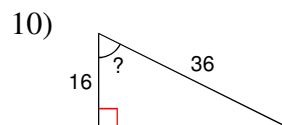
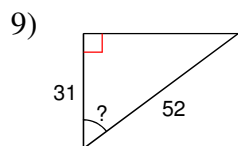
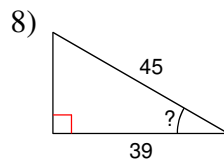
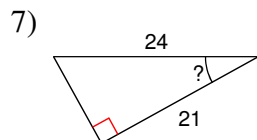
2) $\cos U = 0.1045$

3) $\cos V = 0.4540$

4) $\cos W = 0.9877$

5) $\cos W = 0.0175$

6) $\cos W = 0.0523$

Find the measure of the indicated angle to the nearest degree using the second sin function.

Answers to Basic trig - cosine #2

1) 53°
5) 89°
9) 53°
13) 76°

2) 84°
6) 87°
10) 64°
14) 65°

3) 63°
7) 29°
11) 18°
15) 63°

4) 9°
8) 30°
12) 66°
16) 23°