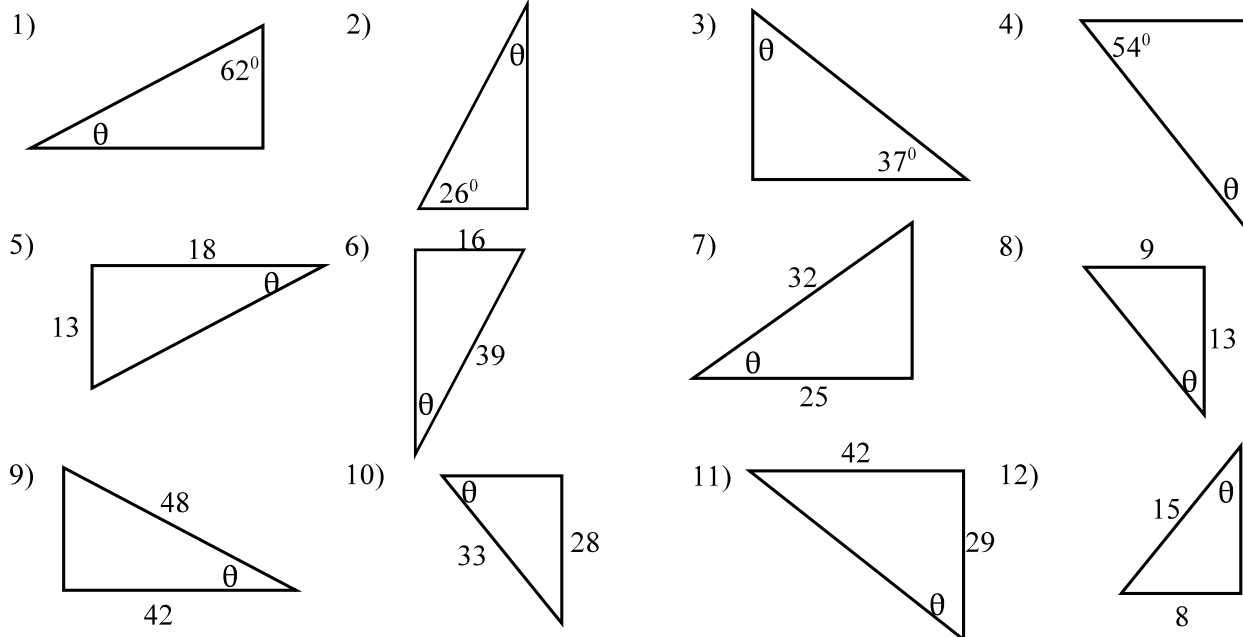


Trigonometry 4.2

Find the measure of θ .



Give each trig. ratio to 4 decimal places.

- | | | | |
|---|--|--|---|
| 13) $\theta = 35^\circ$.
Give Sin θ . | 14) $\theta = 48^\circ$.
Give Cos θ . | 15) $\theta = 59^\circ$.
Give Tan θ . | 16) $\theta = 71^\circ$.
Give Cos θ . |
| 17) $\theta = 30^\circ$.
Give Tan θ . | 18) $\theta = 45^\circ$.
Give Sin θ . | 19) $\theta = 45^\circ$.
Give Tan θ . | 20) $\theta = 60^\circ$.
Give Cos θ . |
| 21) $\theta = 180^\circ$.
Give Tan θ . | 22) $\theta = 0^\circ$.
Give Cos θ . | 23) $\theta = 90^\circ$.
Give Tan θ . | 24) $\theta = 270^\circ$.
Give Cos θ . |

Give each trig. ratio as a fraction.

- | | | | |
|---|---|---|---|
| 25) $\theta = 45^\circ$.
Give Cos θ . | 26) $\theta = 30^\circ$.
Give Sin θ . | 27) $\theta = 30^\circ$.
Give Cos θ . | 28) $\theta = 60^\circ$.
Give Sin θ . |
| 29) $\theta = 120^\circ$.
Give Sin θ . | 30) $\theta = 135^\circ$.
Give Tan θ . | 31) $\theta = 150^\circ$.
Give Cos θ . | 32) $\theta = 225^\circ$.
Give Cos θ . |
| 33) $\theta = 0^\circ$.
Give Sin θ . | 34) $\theta = 90^\circ$.
Give Sin θ . | 35) $\theta = 90^\circ$.
Give Cos θ . | 36) $\theta = 180^\circ$.
Give Tan θ . |

Find the measure of θ .

- | | | | |
|-------------------------------|-------------------------------|-------------------------------|----------------------------------|
| 37) Sin $\theta = .7660$ | 38) Cos $\theta = .46$ | 39) Tan $\theta = 12/7$ | 40) Sin $\theta = 5/8$ |
| 41) Tan $\theta = 2.4871$ | 42) Sin $\theta = 5/4$ | 43) Cos $\theta = .329$ | 44) Tan $\theta = 3 \frac{2}{3}$ |
| 45) Cos $\theta = 9/5$ | 46) Tan $\theta = .347$ | 47) Sin $\theta = 2.43$ | 48) Cos $\theta = 1 \frac{4}{7}$ |
| 49) Sin $\theta = 1/2$ | 50) Cos $\theta = 1/2$ | 51) Tan $\theta = \sqrt{3}$ | 52) Cos $\theta = \sqrt{2}/2$ |
| 53) Cos $\theta = \sqrt{3}/2$ | 54) Sin $\theta = 1/2$ | 55) Sin $\theta = \sqrt{3}/2$ | 56) Tan $\theta = 1$ |
| 57) Tan $\theta = 1$ | 58) Tan $\theta = \sqrt{3}/3$ | 59) Cos $\theta = 1/2$ | 60) Tan $\theta = \sqrt{2}$ |