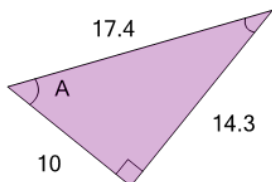# Trigonometry - Identity Ratios from Diagrams
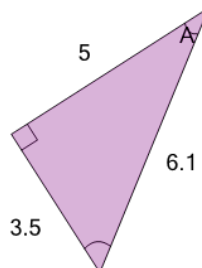
1

Solve for the trigonometric ratio in fraction form

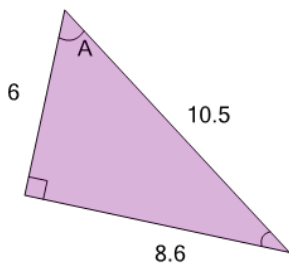|	
A	$sin(A) = \frac{14.3}{17.4}$
B	$sin(A) = 10 \times 10$
C	$sin(A) = 10 \times 14.3$
D	$sin(A) = \frac{17.4}{10}$
E	$sin(A) = \frac{10}{14.3}$
F	$sin(A) = 17.4 \times 14.3$

2

Solve for the trigonometric ratio in fraction form

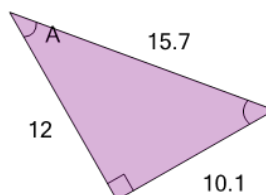|	
A	$cos(A) = \frac{5}{6.1}$
B	$cos(A) = \frac{6.1}{6.1}$
C	$cos(A) = \frac{5}{5}$
D	$cos(A) = 5 \times 3.5$
E	$cos(A) = 6.1 \times 5$
F	$cos(A) = \frac{5}{3.5}$

3

Solve for the trigonometric ratio in fraction form

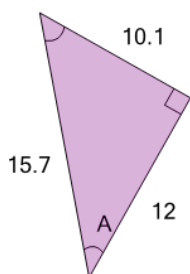|	
A	$tan(A) = 6 \times 6$
B	$tan(A) = \frac{10.5}{6}$
C	$tan(A) = \frac{6}{10.5}$
D	$tan(A) = 10.5 \times 10.5$
E	$tan(A) = \frac{8.6}{6}$
F	$tan(A) = 8.6 \times 10.5$

4

Solve for the trigonometric ratio in fraction form

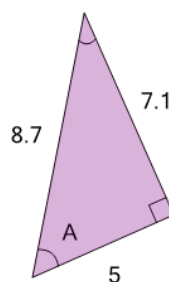|	
A	$sin(A) = 15.7 \times 15.7$
B	$sin(A) = 15.7 \times 10.1$
C	$sin(A) = \frac{10.1}{15.7}$
D	$sin(A) = 12 \times 10.1$
E	$sin(A) = \frac{15.7}{15.7}$
F	$sin(A) = 15.7 \times 12$

5

Solve for the trigonometric ratio in fraction form

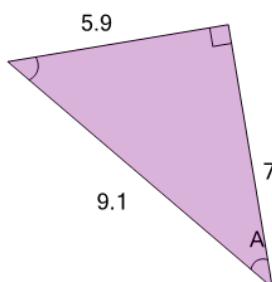|	
A	$sin(A) = 15.7 \times 10.1$
B	$sin(A) = 15.7 \times 12$
C	$sin(A) = \frac{12}{15.7}$
D	$sin(A) = \frac{10.1}{15.7}$
E	$sin(A) = 10.1 \times 12$
F	$sin(A) = 12 \times 12$

6

Solve for the trigonometric ratio in fraction form

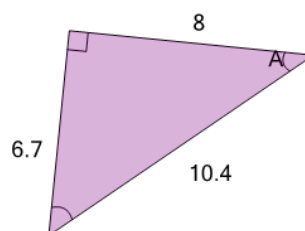|	
A	$tan(A) = \frac{7.1}{7.1}$
B	$tan(A) = \frac{8.7}{7.1}$
C	$tan(A) = \frac{8.7}{5}$
D	$tan(A) = \frac{7.1}{5}$
E	$tan(A) = \frac{5}{7.1}$
F	$tan(A) = 7.1 \times 7.1$

7

Solve for the trigonometric ratio in fraction form

A	$tan(A) = 9.1 \times 5.9$
B	$tan(A) = \frac{7}{7}$
C	$tan(A) = \frac{5.9}{7}$
D	$tan(A) = \frac{5.9}{5.9}$
E	$tan(A) = 7 \times 7$
F	$tan(A) = \frac{9.1}{7}$

8

Solve for the trigonometric ratio in fraction form

A	$cos(A) = \frac{10.4}{10.4}$
B	$cos(A) = 10.4 \times 10.4$
C	$cos(A) = 6.7 \times 8$
D	$cos(A) = \frac{8}{10.4}$
E	$cos(A) = \frac{6.7}{6.7}$
F	$cos(A) = \frac{8}{8}$