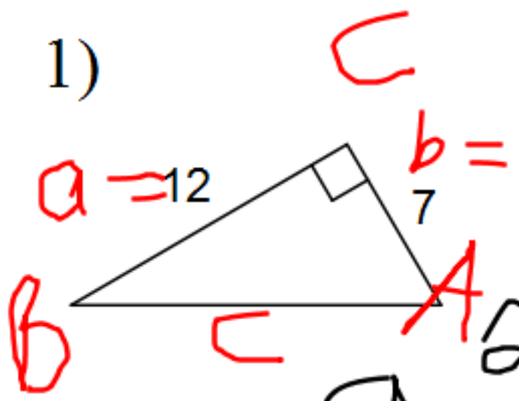
Feb. 8

Find each missing length to the nearest tenth.

1)



$a^2 + b^2 = c^2$

$(12)^2 + (7)^2 = c^2$

$144 + 49 = c^2$

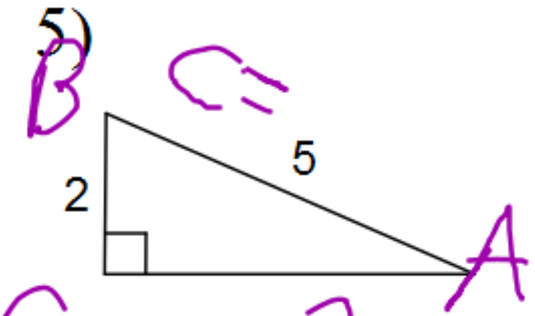
$\sqrt{193} = \sqrt{c^2}$

$13.89 = c$

$13.9 = c$

Find each missing length to the nearest tenth.

5)



$a^2 + b^2 = c^2$

$2^2 + b^2 = 5^2$

$4 - 4 + b^2 = 25 - 4$

$\sqrt{b^2} = \sqrt{21}$

$b = 4.58$

$b = 4.6$

Do the following lengths form a right triangle?

18) $a = 2.8,\ b = 9.6,\ c = 10$

L.S.

$a^2 + b^2$

$(2.8)^2 + (9.6)^2$

$7.84 + 92.16$

100

R.S.

c^2

$(10)^2$

100

yes

Math 11C Trigonometry Name_____ ID: 1

Trigonometry #1 Basic Trig Functions - 4 decimal places

Date_____

Find the value of each trigonometric ratio to the nearest ten-thousandth.

1) tan 72°

2) tan 21°

3) tan 59°

4) sin 48°

5) sin 58°

6) sin 69°

7) cos 71°

8) cos 81°

9) cos 1°

10) cos 3°

11) tan 73°

12) tan 0°

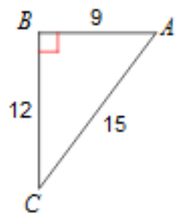
13) tan 51°

14) sin 47°

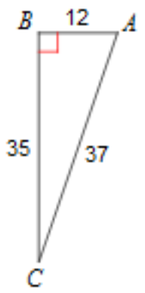
15) sin 50°

16) sin 60°

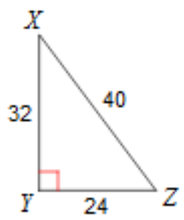
17) tan C



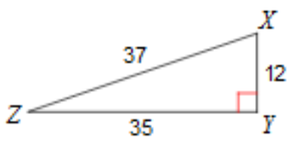
18) tan C



19) tan Z



20) sin X



21) sin X

22) sin C

Math 11C Trigonometry Name_____ ID: 1

Trigonometry #1 Basic Trig Functions - 4 decimal places

Date_____

Find the value of each trigonometric ratio to the nearest ten-thousandth.

1) tan 72°

2) tan 21°

3) tan 59°

4) sin 48°

5) sin 58°

6) sin 69°

7) cos 71°

8) cos 81°

9) cos 1°

10) cos 3°

11) tan 73°

12) tan 0°

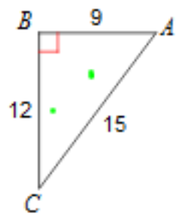
13) tan 51°

14) sin 47°

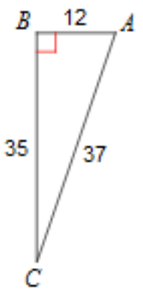
15) sin 50°

16) sin 60°

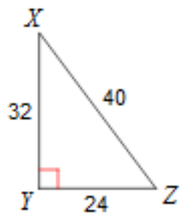
17) tan C



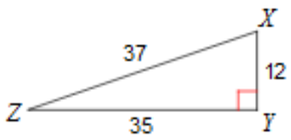
18) tan C



19) tan Z



20) sin X



21) sin X

22) sin C

Math 11C Trigonometry Name_____ ID: 1

Trigonometry #1 Basic Trig Functions - 4 decimal places

Date_____

Find the value of each trigonometric ratio to the nearest ten-thousandth.

1) tan 72°

2) tan 21°

3) tan 59°

4) sin 48°

5) sin 58°

6) sin 69°

7) cos 71°

8) cos 81°

9) cos 1°

10) cos 3°

11) tan 73°

12) tan 0°

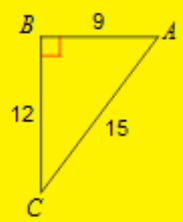
13) tan 51°

14) sin 47°

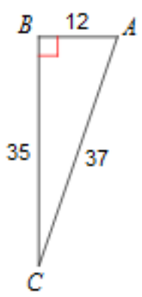
15) sin 50°

16) sin 60°

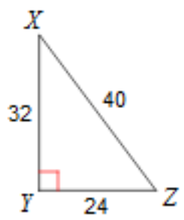
17) tan C



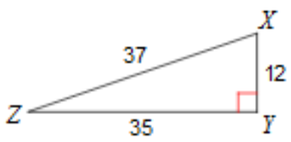
18) tan C



19) tan Z



20) sin X



21) sin X

22) sin C

TeamBoard Draw

Filter | Index Order

- *Absolute value*
  - Equations, graphing
  - Equations, solving
  - Inequalities
- *Bar graphs*
  - Reading
- *Box-and-whisker plots*
  - Drawing
- Combining like terms
- *Completing the square*
  - By finding the constant
  - Solving equations by
- Correlation
- Custom question
- Discriminant
- Distance Formula
- Distributive Property
- *Dividing*
  - Polynomials

1.87 pages

32 questions

Current question sets (2):

- 16 × Finding Trig. Ratios of Angles
- 16 × Finding Trig. Ratios Given Diagrams

Math 11C Trigonometry Name_____ ID: 1

Trigonometry #1 Basic Trig Functions - 4 decimal places

Date_____

Find the value of each trigonometric ratio to the nearest ten-thousandth.

1) tan 72°

2) tan 21°

3) tan 59°

4) sin 48°

5) sin 58°

6) sin 69°

7) cos 71°

8) cos 81°

9) cos 1°

10) cos 3°

11) tan 73°

12) tan 0°

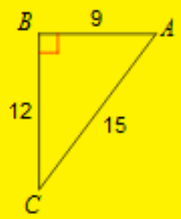
13) tan 51°

14) sin 47°

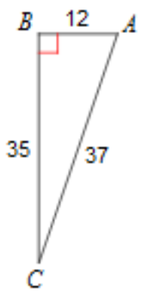
15) sin 50°

16) sin 60°

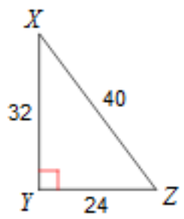
17) tan C



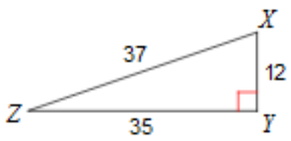
18) tan C



19) tan Z



20) sin X



21) sin X

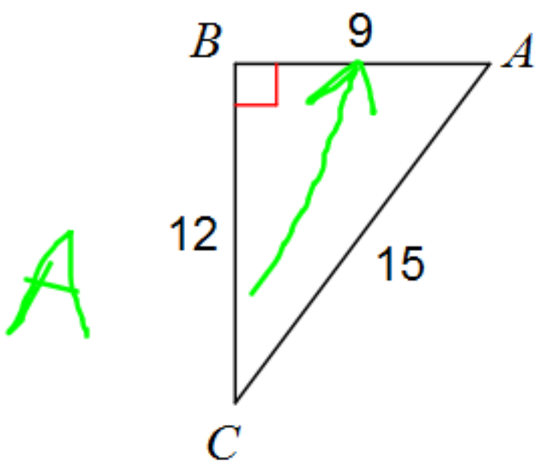
22) sin C

10:11 AM
2/8/2016

Find the value of each trigonometric ratio to the nearest ten-thousandth.

SOHCAHTOA

17) tan C



$\tan C = \frac{\text{Opposite}}{\text{Adjacent}}$

$\tan C = \frac{9}{12}$

$\tan C = 0.7500$