A1S2w16d4 2018 Trig ratios.notebook

1. Skill 19 Multiply and Divide Rational Expressions. Simplify completely.

$$\frac{9g^2 - 12g + 4}{3g^2 + 19g - 14} \div \frac{15g - 10}{20}$$

2. Skill 20 Construct a box and whisker plot for a set of data, and find the mean and range.

Earned commission:
Dale's: $150 $125 $145 $175 $105 $100 $200 $180

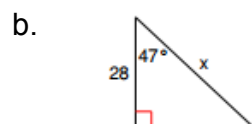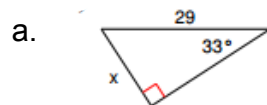3. Probability: You roll a number cube. What is the probability that you will roll a number greater than 4?

The probability drawing a purple marble is $\dfrac{3}{5}$. What is the probability that the marble drawn will not be purple?

4. You spin a spinner that has 8 equal-sized sections numbered 1 to 8. Find each probability.

a. P(odd or > 3)   b. P(even or < 4)   c. P(multiple of 3 or multiple of 2)

5. Use trig to solve the following problems.

a.

b.

6. Solve the system and check your answer in both equations.

$$-2x + 5y = 19$$
$$3x - 4 = y$$

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Week 16 Friday CW/HW

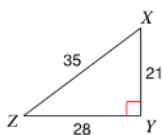Kuta Software - Infinite Geometry
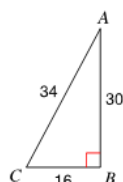
Name_____

Trigonometric Ratios

Date_____ Period_____
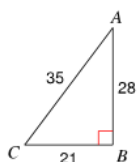
Find the value of each trigonometric ratio.

1) tan Z

2) cos C

3) sin C

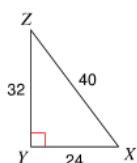

4) tan X

5) cos A
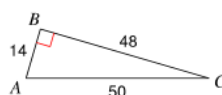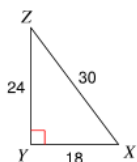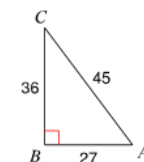

6) sin A

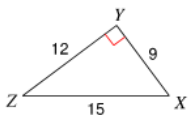
7) sin Z

8) sin C

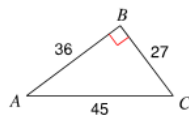9) cos Z

10) tan C

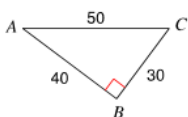**Find the value of each trigonometric ratio to the nearest ten-thousandth.**

11) cos Z

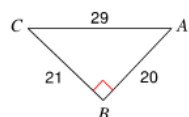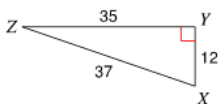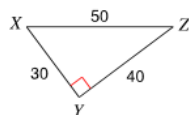12) cos C

13) tan C

14) tan A

15) tan C

16) tan X

17) sin Z

18) sin Z

19) sin 48°

20) sin 38°

21) cos 61°

22) cos 51°