Question block created by wizard

This exam contains 16 questions

1. According to the basic rules, what would be the first step to do in: 2+8/4·3-5=

a. 4·3=
b. 8/4=
c. 2+8=

2. Which statement is correct?

a. 5/8 = 0,625
b. 5/8 = 0,0625
c. 5/8 = 0,125

3. Exercise: 128 ·173 = 9344

a. This exercise is called a multiplication; 9344 is called the product.
b. This exercise is called a division; 9344 is called the quotient.
c. This exercise is called a multiplication; 9344 is called the quotient.

4. 28-9=19

Which statement is correct?

a. 28 is called the subtrahend; 9 is called the difference and 19 is called the minuend.
b. 28 is called the minuend; 9 is called the subtrahend and 19 is called the difference.
c. 28 is called the difference; 9 is called the minuend and 19 is called the subtrahend.

5. Calculate: 5 inch = ...cm.

a. 12,25 cm
b. 0,508 cm
c. 12,7 cm

6. Which equation do you use to calculate the area of a cylinder?

a. $A = {}^{4}/_{3} \cdot \pi \cdot r^3$
b. $A = {}^{1}/_{3} \cdot \pi \cdot r^2 \cdot h$
c. $A = \pi \cdot r^2 \cdot h$

7. √ (144) =

a. 72
b. 12
c. 36

8. 3^3 =

a. 27
b. 9
c. 6

9. Calculate: -8a x -3a =

a. 24a
b. 11a
c. $24a^2$

10. Convert: 2p-3p+5q+4q=

a. 9q - p
b. 5p - 9q
c. 8p + q

11. Calculate, $^5/_p$ - $^p/_2$ =

a. (5·2-p·p) / (p+p) = (10-p^2) / 2p
b. 5-2 / p+p = 3/2p
c. 5-2+p-p = 3

12. Convert: (-3x+2y) ·-2=

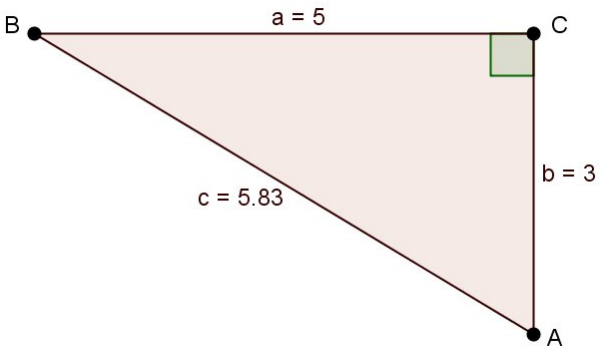
a. 6x - 4y
b. 6x +4y
c. 2x - y

13. Equation: y = 0,5x-1

a. The equation represents a sloping line.
b. The equation represents a vertical straight line.

c. The equation represents a horizontal straight line.

14. The tangent of angle B is:

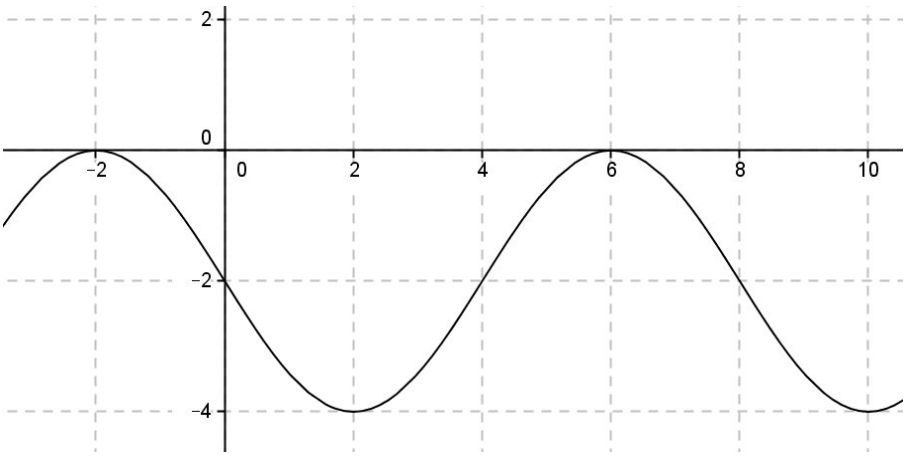


a. $^{3}/_{5}$
b. $1^{2}/_{3}$
c. $1^{47}/_{50}$

15. Determine the tan of the straight line (y=ax+b) with the x-axis, that passes through the points (5,24) and (3,4).

a. tan = a = 1/10
b. tan = a = 10
c. tan = a = 1/21

16. Determine the function of the graph below.



a. y = 2sin(0,25 π xt+ π)-2

b. $y = -2\sin(0{,}25\ \pi xt + \pi) + 2$
c. $y = -2\sin(0{,}25\ \pi xt + \pi) - 2$