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=

- o (a) 4·3=
- • (b) 8/4=
- o (c) 2+8=

If choice b is selected set score to 1.

2. Which statement is correct?

- • (a) 5/8 = 0,625
- o (b) 5/8 = 0,0625
- o (c) 5/8 = 0,125

If choice a is selected set score to 1.

3. Exercise: 128 ·173 = 9344

- • (a) This exercise is called a multiplication; 9344 is called the product.
- o (b) This exercise is called a division; 9344 is called the quotient.
- o (c) This exercise is called a multiplication; 9344 is called the quotient.

If choice a is selected set score to 1.

4. 28-9=19

Which statement is correct?

- o (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.
- o (c) 28 is called the difference; 9 is called the minuend and 19 is called the subtrahend.

If choice b is selected set score to 1.

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

- o (a) 12,25 cm
- o (b) 0,508 cm
- • (c) 12,7 cm

If choice c is selected set score to 1.

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

- o (a) $A = {}^{4}/_{3} \cdot \pi \cdot r^3$
- o (b) $A = {}^{1}/_{3} \cdot \pi \cdot r^2 \cdot h$
- • (c) $A = \pi \cdot r^2 \cdot h$

If choice c is selected set score to 1.

7. √ (144) =

- o (a) 72
- • (b) 12
- o (c) 36

If choice b is selected set score to 1.

8. 3^3 =

- • (a) 27
- o (b) 9
- o (c) 6

If choice a is selected set score to 1.

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

- o (a) 24a
- o (b) 11a
- • (c) $24a^2$

If choice c is selected set score to 1.

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

- • (a) 9q - p
- o (b) 5p - 9q
- o (c) 8p + q

If choice a is selected set score to 1.

11. Calculate, ${}^{5}/_{p} - {}^{p}/_{2}$ =

- • (a) $(5 \cdot 2 - p \cdot p) / (p+p) = (10-p^2) / 2p$

- (b) 5-2 / p+p = 3/2p
- (c) 5-2+p-p = 3

If choice a is selected set score to 1.

12. Convert: (-3x+2y) ·-2=

- (a) 6x - 4y

- (b) 6x +4y
- (c) 2x - y

If choice a is selected set score to 1.

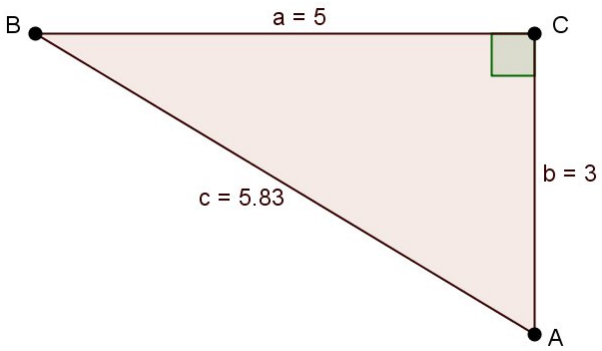
13. Equation: y = 0,5x-1

- (a) The equation represents a sloping line.

- (b) The equation represents a vertical straight line.
- (c) The equation represents a horizontal straight line.

If choice a is selected set score to 1.

14. The tangent of angle B is:



- (a) $^{3}/_{5}$

- (b) $1^{2}/_{3}$
- (c) $1^{47}/_{50}$

If choice a is selected set score to 1.

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).

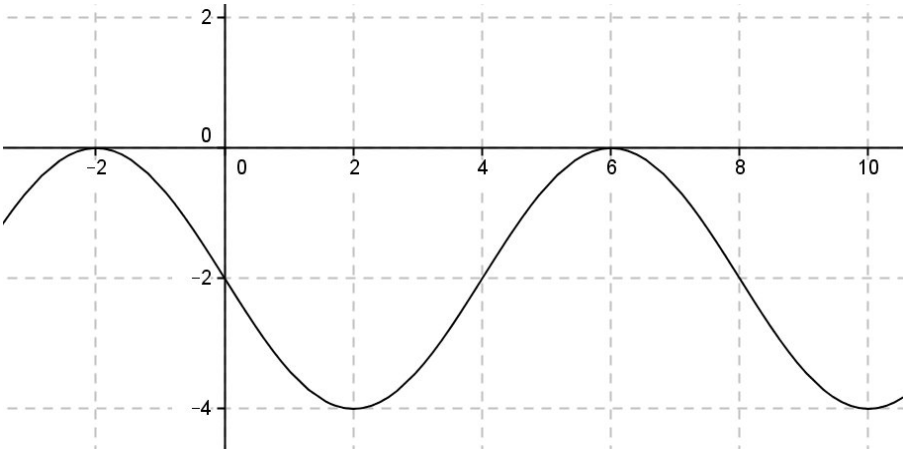
- (a) tan = a = 1/10

- (b) tan = a = 10

o (c) tan = a = 1/21

If choice b is selected set score to 1.

16. Determine the function of the graph below.



- (a) y = 2sin(0,25 π xt+ π)-2

o (b) y = -2sin(0,25 π xt+ π)+2
o (c) y = -2sin(0,25 π xt+ π)-2

If choice a is selected set score to 1.

If assessment score is 75% to 100% Feedback
If assessment score is 0% to 74% Fail