

Mathematics

نماذج اختبارات الأضواء

لشهر نوفمبر

الفصل الدراسي الأول

Primary

6

2026



1 Choose the correct answer:

- a Which of the following represents an algebraic expression?
- a) $3 \times 4 + 2$ b) $3x - 2$ c) $7 + 2 \times 2$ d) $8 \div 4 - 2$
- b The inequality that represents "A number more than or equal to -2 " is
- a) $x > 2$ b) $x \geq -2$ c) $x \leq 2$ d) $x < -2$

2 Answer each of the following:

- a Evaluate the expression: $6 + (8x - 3)$, when $x = 1$.
-
-
-
- b Find 4 possible solutions for the inequality: $x \leq -4$ in the set of integers.
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- c From the algebraic expression: $4 + 2m - 5a$, complete:
- The number of terms:
 - The constant:
 - The coefficients:
- d Use the order of mathematical operations to simplify:
- $25 + 12 - 2^2 + (5^2 - 20)$
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-

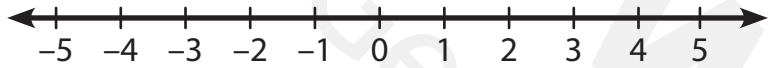
1 Choose the correct answer:

- a** The smallest solution of the inequality: $x \geq -7$ is
- a) -8 b) -7 c) -6 d) -9
- b** 8^2 is equivalent to:
- a) $2 \times 2 \times 2 \times 2 \times 2$ b) 8×8 c) 8×2 d) 16

2 Answer each of the following:

- a** Solve the following equations:
1. $4 + x = 16$ 2. $y - 0.2 = 0.12$
-
-
-

- b** Represent the inequality: $x > -1$ on the number line in the set of integers:



- c** Evaluate the expression: $5x^2 + 8 \div (6 - 4) \div 2$ when $x = 3$:
-
-
-
- d** Check if the following expressions are equivalent or not at $b = 2$:
- $5(1 + b)$, $5b + 1$
-
-
-

1 Choose the correct answer:

- a** The coefficient of the algebraic expression: $\frac{x}{2} + 2$ is
- a) 2 b) x c) $\frac{x}{2}$ d) $\frac{1}{2}$
- b** The first operation you perform in the expression: $6 + 12 - 2 \times 2^2$ is
- a) addition b) multiplication c) subtraction d) exponent

2 Answer each of the following:

- a** Arrange the following values in ascending order.

2^3 , $|-5|$, -8 , 0 , -5

The order is:

- b** Solve each of the following equations:

1) $5t = 20$

2) $x + 17 = 29$

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- c** If Hazem has x pounds, and his father gave him 100 pounds, write an algebraic expression to represent this. If Hazem originally has 50 pounds, how much does he have now?

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.....
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- d** A sign in an amusement park shows that the height allowed to ride the electric train is from 90 cm to 113 cm with a companion. Mention 3 allowed heights and 3 not allowed heights.

.....
.....
.....

Mathematics

إجابات نماذج اختبارات الأضواء

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1 Choose the correct answer:

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- b The inequality that represents "A number more than or equal to -2 " is
- a) $x > 2$ b) $x \geq -2$ c) $x \leq 2$ d) $x < -2$

2 Answer each of the following:

- a Evaluate the expression: $6 + (8x - 3)$, when $x = 1$.

At $x = 1$,

$$\begin{aligned} 6 + (8x - 3) &= 6 + (8 \times 1 - 3) \\ &= 6 + 5 \\ &= 11 \end{aligned}$$

- b Find 4 possible solutions for the inequality: $x \leq -4$ in the set of integers.

The solutions are may be: $-4, -5, -6, -7$.

- c From the algebraic expression: $4 + 2m - 5a$, complete:

- The number of terms:3.....

- The constant:4.....

- The coefficients: 2, - 5.....

- d Use the order of mathematical operations to simplify:

$$25 + 12 - 2^2 + (5^2 - 20)$$

$$\begin{aligned} &25 + 12 - 2^2 + (5^2 - 20) \\ &= 25 + 12 - 4 + (25 - 20) \\ &= 25 + 12 - 4 + 5 \\ &= 37 - 4 + 5 \\ &= 33 + 5 \\ &= 38 \end{aligned}$$

1 Choose the correct answer:

- a The smallest solution of the inequality: $x \geq -7$ is
- a) -8 b) -7 c) -6 d) -9
- b 8^2 is equivalent to:
- a) $2 \times 2 \times 2 \times 2 \times 2$ b) 8×8 c) 8×2 d) 16

2 Answer each of the following:

a Solve the following equations:

1. $4 + x = 16$

$x = 16 - 4$

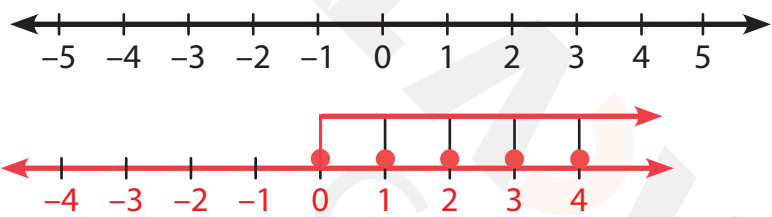
$x = 12$

2. $y - 0.2 = 0.12$

$y = 0.12 + 0.2$

$y = 0.32$

b Represent the inequality: $x > -1$ on the number line in the set of integers:



c Evaluate the expression: $5x^2 + 8 \div (6 - 4) \div 2$ when $x = 3$:

At: $x = 3$

► $5(3)^2 + 8 \div (6 - 4) \div 2$
 $= 5 \times 9 + 8 \div 2 \div 2$
 $= 45 + 8 \div 2 \div 2$
 $= 45 + 4 \div 2$
 $= 45 + 2 = 47$

d Check if the following expressions are equivalent or not at $b = 2$:

$5(1 + b)$, $5b + 1$

At: $b = 2$

► $5(1 + b) = 5(1 + 2)$
 $= 5 \times 3 = 15$

► $5b + 1 = 5 \times 2 + 1 = 10 + 1 = 11$, then the two expressions aren't equivalent.

1 Choose the correct answer:

- a The coefficient of the algebraic expression: $\frac{x}{2} + 2$ is
- a) 2 b) x c) $\frac{x}{2}$ d) $\frac{1}{2}$
- b The first operation you perform in the expression: $6 + 12 - 2 \times 2^2$ is
- a) addition b) multiplication c) subtraction d) exponent

2 Answer each of the following:

- a Arrange the following values in ascending order.

$$2^3, |-5|, -8, 0, -5$$

$$-8, -5, 0, |-5|, 2^3$$

- b Solve each of the following equations:

1) $5t = 20$

2) $x + 17 = 29$

1) $\frac{5}{5} t = \frac{20}{5}$

2) $x = 29 - 17$

$t = 4$

$x = 12$

the solution is 4

the solution is 12

- c If Hazem has x pounds, and his father gave him 100 pounds, write an algebraic expression to represent this. If Hazem originally has 50 pounds, how much does he have now?

The algebraic expression is: $x + 100$

If Hazem has 50 pounds,

then he has now = $100 + 50 = 150$ pounds.

- d A sign in an amusement park shows that the height allowed to ride the electric train is from 90 cm to 113 cm with a companion. Mention 3 allowed heights and 3 not allowed heights.

The allowed heights: 90 cm , 100 cm , 113 cm

The not allowed heights: 85 cm , 120 cm , 70 cm

تطبيق



مذكرات جاهزة للطباعة

لتحميل الملفات التعليمية مجاناً للمعلم والطالب

مذكرات وملازم / مراجعات وملخصات / امتحانات / كتب الوزارة /
أدلة المعلم / دفاتر التحضير / سجلات مدرسية / أوراق تأسيس

امسح الكود بموبايلك علشان تقدر تثبت التطبيق

وتقدر ف أي وقت تحمّل ال نفسك فيه ببلاش

هيغنيك عن البحث والجروبات والقنوات الكثيرة



تطبيق الموبايل لتحميل الملفات