

Quizz automatismes 4

20 secondes



Question 1

$$- 7 + 5 \times 4 + 12 \div (3 - 5)$$

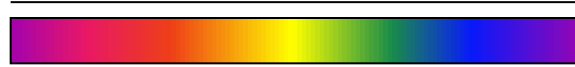
20 secondes



Question 2

$$\frac{24}{15} - \frac{14}{25}$$

10 secondes



Question 3

$$(-2)^3 - (8 \times (-5) + 2) \div 2$$

20 secondes



Question 4

$$7 - \frac{18}{45} \times \frac{39}{36} + \frac{1}{2}$$

Question 1 CORRECTION

$$\begin{aligned} & -7 + 5 \times 4 + 12 \div (3 - 5) \\ &= -7 + 20 + 12 \div (-2) \\ &= -7 + 20 - 6 \\ &= 13 - 6 \\ &= 7 \end{aligned}$$

20 secondes



Question 2

$$\frac{24}{15} - \frac{14}{25}$$

$$= \frac{3 \times 8}{3 \times 5} - \frac{14}{25}$$

$$= \frac{8}{5} - \frac{14}{25}$$

$$= \frac{40}{25} - \frac{14}{25}$$

$$= \frac{26}{25}$$

Question 3 CORRECTION

$$\begin{aligned} & (-2)^3 - (8 \times (-5) + 2) \div 2 \\ = & (-2)(-2)(-2) - (-40 + 2) \div 2 \\ = & (-8) - (-38) \div 2 \\ = & (-8) + 19 \\ = & 11 \end{aligned}$$

Question 4 CORRECTION

$$\begin{aligned} & 7 - \frac{18}{45} \times \frac{39}{36} + \frac{1}{2} \\ &= 7 - \frac{9 \times 2 \times 3 \times 13}{5 \times 9 \times 6 \times 2 \times 3} + \frac{1}{2} \\ &= 7 - \frac{13}{30} + \frac{1}{2} \\ &= \frac{7}{1} - \frac{13}{30} + \frac{1 \times 15}{2 \times 15} \\ &= \frac{210}{30} - \frac{13}{30} + \frac{15}{30} \\ &= \frac{212}{30} \\ &= \frac{106}{15} \end{aligned}$$