

Activités mentales

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référence du test : C-03

Vous disposez de **45 secondes** pour répondre aux questions



Question 1



Calculer

$$78 \times 4$$

Question 1



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$$78 \times 4$$

Question 1



Calculer

$$78 \times 4$$

Question 2



Calculer

$$\frac{5}{6} + \frac{4}{9}$$

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Calculer

$$\frac{5}{6} + \frac{4}{9}$$

Question 3



Calculer

$$\frac{1}{3} + \frac{25}{12} \times \frac{16}{5}$$

Question 3



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Calculer

$$\frac{1}{3} + \frac{25}{12} \times \frac{16}{5}$$

Question 4



Calculer
 $(2^3)^2$

Question 4



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 $(2^3)^2$

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Question 4



Calculer
 $(2^3)^2$

Question 5



Calculer

$$\left(\frac{9}{10}\right)^2 + \sqrt{81}$$

Question 5



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Question 5



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Calculer

$$\left(\frac{9}{10}\right)^2 + \sqrt{81}$$

Correction



Correction question 1

Calculer

$$78 \times 4 = 70 \times 4 + 8 \times 4 = 280 + 32 = 312$$

Correction question 2

Calculer

$$\frac{5}{6} + \frac{4}{9} = \frac{5 \times 3}{6 \times 3} + \frac{4 \times 2}{9 \times 2}$$

Correction question 3

$$\frac{1}{3} + \frac{25}{12} \times \frac{16}{5} = \frac{1}{3} + \overset{\text{Calculer}}{\frac{5}{3} \times \frac{4}{1}} = \frac{1}{3} + \frac{20}{3} = \frac{21}{3} = 7$$

Correction question 4

Calculer

$$(2^3)^2 = 8^2 = 64$$

Correction question 5

Calculer

$$\left(\frac{9}{10}\right)^2 + \sqrt{81} = \frac{81}{100} + 9 = 9,81$$



Fin