

La priorité des opérations avec des nombres entiers

Nom: _____

Date: _____

12

Évalue chaque expression. Montre les étapes.

a. $8 \times 5 - 4$

$$\begin{aligned} & 40 - 4 \\ & = \boxed{36} \end{aligned}$$

b. $(-4)[(-4) + 9]$

$$\begin{aligned} & (-4)(5) \\ & = \boxed{-20} \end{aligned}$$

c. $18 \div [(-7) - 2]$

$$\begin{aligned} & 18 \div (-9) \\ & = \boxed{-2} \end{aligned}$$

d. $(-3) + [(-14) + (-2)]$

$$\begin{aligned} & (-3) + 7 \\ & = \boxed{4} \end{aligned}$$

e. $(-9) + [(-4)(-2)]$

$$\begin{aligned} & (-9) + 8 \\ & = \boxed{-1} \end{aligned}$$

f. $(-3)[(-8) - 11]$

$$\begin{aligned} & (-3)(-19) \\ & = \boxed{57} \end{aligned}$$

g. $\frac{(-5) + (-9)}{2}$

$$\begin{aligned} & \frac{-14}{2} \\ & = \boxed{-7} \end{aligned}$$

h. $\frac{24 + (-6) - 1}{-5}$

$$\begin{aligned} & \frac{-4 - 1}{-5} \\ & \frac{-5}{-5} = \boxed{1} \end{aligned}$$

i. $5(-2) - 63 \div (-7)$

$$\begin{aligned} & -10 - 63 \div (-7) \\ & -10 \div (-9) \\ & = \boxed{-1} \end{aligned}$$

j. $\frac{4 \times (-4) + (-8)}{[10 \div (-2)] + [2 \times (-3)]}$

$$\begin{aligned} & \frac{(-16) + (-8)}{9 + (-6)} \\ & \frac{-24}{3} = \boxed{-8} \end{aligned}$$

k. $-6 - 6 \times 3 + 8$

$$\begin{aligned} & -6 - 18 + 8 \\ & -24 + 8 \\ & = \boxed{-16} \end{aligned}$$

l. $49 - 7 - 5 \times 3 + 3$

$$\begin{aligned} & 49 - 7 - 15 \div 3 \\ & 49 - 7 - 5 \\ & = \boxed{37} \end{aligned}$$