

Worksheet 1

- Evaluate $9 - (3^2 - 10) - 6$.
 - 16
 - 1
 - 4
 - 16
- Add $\frac{1}{2} + \frac{3}{2} + \frac{7}{2}$.
 - $\frac{11}{6}$
 - 5
 - $\frac{11}{2}$
 - $\frac{21}{8}$
- Simplify $3x - 4y + 2(x - 3y) - 5x$.
 - $-7y$
 - $10x - 10y$
 - $-10y$
 - $-10x - 12y$
- Choose an equivalent expression for $-(x - 3y + 2)$.
 - $-x - 3y + 2$
 - $-x + 3y - 2$
 - $x - 3y + 2$
 - $6xy$
- Choose an expression for the opposite of $x - 2$.
 - $-x - 2$
 - $-(x - 2)$
 - $-(x + 2)$
 - $-2 + x$
- Simplify $7x^2 - 10x^2$.
 - Cannot simplify
 - $-3x^4$
 - $3x^2$
 - $-3x^2$
- Evaluate $(2 - 5)^3$.
 - 27
 - 9
 - 9
 - 27
- Simplify $\frac{2}{3} \div \frac{1}{2} + \frac{1}{2}$.
 - $\frac{11}{6}$
 - $\frac{2}{3}$
 - 1
 - $\frac{5}{6}$

9. Give the best estimate for the fraction

$$\frac{182}{189}$$

- A. 1
- B. $\frac{1}{2}$
- C. $\frac{2}{9}$
- D. 200

10. Evaluate $2 \cdot 10^3 - 5000$.

- A. -4440
- B. -3000
- C. 4440
- D. 3000

11. Choose the equivalent value for 3^4 .

- A. 12
- B. 7
- C. 81
- D. 9