

1. Solve by the substitution method.

$$x = 3y + 8$$

$$2x - y = 6$$

2. Solve by the addition method.

$$x + 2y = -1$$

$$2x - y = 3$$

3. Solve the system (if it is inconsistent or dependent, say so).

$$y = 2x + 4$$

$$y = 2x - 1$$

4. Solve the system (if it is inconsistent or dependent, say so).

$$3x - 3y = 6$$

$$2x = 2y + 4$$

5. (Review) Evaluate:

a) $\frac{0}{5}$

b) $-\frac{11}{0}$

c) -3^4

d) $(-2)^4$

e) $5 - 2(4 - 1)$

6. (Review) Simplify:

a) $7x^4 \cdot (-2x^3)$

b) $(-3x^{-4})^2$

c) $(6x^3y^4z^{10})^0$

7. (Review) Solve:

a) $11x - 4(2x - 3) = 18 + 5(x + 2)$

b) $4x + 7 = 7(x + 1) - 3x$

Q: What are two things people never eat before breakfast?