

- List all factors of 50.
- Simplify each of the following expressions.

a) $28 - 10 - 2$

g) $24 - 2(20 - 3(7 - 2))$

l) $30 \div (2 + 3)$

b) $30 \div 5 \cdot 2$

h) $5^2 - 3(19 - 3 \cdot 2^2)$

m) $30 \div 2 + 3$

c) $-2 + (-7)$

i) $\frac{3 \cdot 8 - 2^2}{2^3 + 2 \cdot 1^3}$

n) $2^2 + 3 \cdot 4$

d) $2 + (-7) + 3$

j) $\frac{2 \cdot 5 - 3^2}{4^2 - 2^4}$

o) $(2^2 + 3) \cdot 4$

e) $3^2 + 4^2$

k) $\sqrt{2 \cdot 5 - 1^9}$

p) $12 - (11 - 2^3 + 5)$

f) $(3 + 4)^2$

q) $2^3 - (2^2 - 2)$

- Simplify the following expression. Show all steps.

$$6^2 - (23 - 3(24 - 2 \cdot 3^2 + 1)) \div 2$$

- * Insert parentheses in the expression on the left-hand side to make the equation true. You may use more than one pair.

$$5^2 - 3 + 2 \cdot 5 - 2^2 - 2 = 2$$