

Name:

## Balancing Equations

When balancing equations, both sides of the equal sign need to have the same value.

Find the missing number in each equation.

a)  $5 \times \underline{\quad} = 8 \times 10$

j)  $\underline{\quad} + 31 = 89 - 22$

b)  $\underline{\quad} \times 4 = 6 \times 6$

k)  $72 \div \underline{\quad} = 36 \div 3$

c)  $8 \times \underline{\quad} = 4 \times 16$

l)  $14 + \underline{\quad} = 45 - 16$

d)  $10 \times 10 = 4 \times \underline{\quad}$

m)  $4 \times 12 = 6 \times \underline{\quad}$

e)  $5 \times 12 = 6 \times \underline{\quad}$

n)  $4 \times 16 = \underline{\quad} \times \underline{\quad}$

f)  $25 + \underline{\quad} = 60 - 12$

o)  $110 - \underline{\quad} = 72 - 27$

g)  $18 + \underline{\quad} = 20 + 24$

p)  $30 \times 5 = 200 - \underline{\quad}$

h)  $36 \times 2 = 30 + \underline{\quad}$

q)  $99 \div 3 = 3 \times \underline{\quad}$

i)  $35 \div 7 = 100 \div \underline{\quad}$

r)  $1/2 \text{ of } 120 = \underline{\quad} \times 6$

Find the one number that can fill both blanks to make each equation true.

a)  $8 \times \underline{\quad} = 54 - \underline{\quad}$

c)  $51 \div \underline{\quad} = 20 - \underline{\quad}$

b)  $80 + \underline{\quad} = \underline{\quad} \times 5$

d)  $50 \times \underline{\quad} = 1250 \div \underline{\quad}$