Re-arranging and solving one step equations

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Name:

Solve the following equations:

a) $x + 7 = 12$

b) $x - 5 = 10$

c) $x + 9 = 21$

d) $4 + a = 10$

e) $6 + a = 42$

f) $4 + b = 12$

g) $6 + y = 24$

h) $c - 7 = 5$

i) $7 - a = -2$

j) $6 - a = -8$

Solve the following equations:

a) $x - 2 = -3$

b) $x - 5 = -11$

c) $5 - x = 7$

d) $4 - b = 7$

e) $y - 7 = -9$

f) $-7 = b - 5$

Solve the following equations:

a) $4x = 40$

b) $7x = 35$

c) $2x = 20$

d) $6x = 48$

e) $3x = 21$

f) $\dfrac{x}{5} = 2$

g) $\dfrac{x}{6} = 3$

h) $\dfrac{x}{3} = 2$

i) $\dfrac{x}{7} = 20$

j) $\dfrac{x}{4} = -2$

k) $-4x = 24$

l) $\dfrac{x}{-4} = 3$

m) $-3x = -18$

n) $-2x = 16$

o) $-5x = -20$

Exam question:

The shape shown is a square.

Find the value of x in the diagram.

$5x$

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