



GOT IT!

2. Find x if:

a) $x + 10 = 17$

b) $x + 15 = 27$

c) $x + 25 = 30$

d) $x - 9 = 15$

e) $x - 13 = 40$

3. Find x if:

a) $7x = 42$

b) $12x = 36$

c) $5x = 40$

d) $10x = 110$



SMASHED IT!

2. Find x if

a) $3x + 6 = 21$

b) $7x + 11 = 67$

c) $5x + 4 = 24$

d) $9x - 2 = 25$

e) $11x - 14 = 30$

f) $10x - 7 = 53$

g) $12x + 11 = 155$

h) $15x - 14 = 61$

i) $13x + 25 = 90$



MASTERED IT!

1. Find x if

a) $\frac{x}{6} = 4$

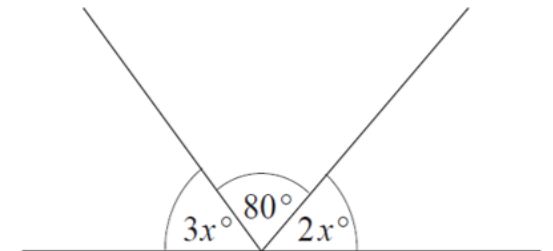
b) $\frac{x}{5} = 9$

c) $\frac{x}{7} = -2$

d) $\frac{x}{2} + 11 = 5$

e) $\frac{x}{5} - 12 = -6$

2. The diagram below shows three angles on a straight line:



- a) Write down an equation and use it to find x.
b) Write down the sizes of the two unknown angles and check that the three angles shown add up to 180°



GOT IT!

1.

- a) 7
- b) 12
- c) 5
- d) 24
- e) 53

2.

- a) 6
- b) 3
- c) 8
- d) 11



SMASHED IT!

1.

- a) 5
- b) 8
- c) 4
- d) 3
- e) 4

f) 6

g) 12

h) 5

i) 5



MASTERED IT!

1.

- a) 24
- b) 45
- c) -14
- d) 2
- e) 30

2.

a) $5x + 80 = 180$

$$5x = 100$$

$$x = 20$$

b) $3x = 60$

$$2x = 40$$

$$60 + 40 + 80 = \underline{180}$$