

1A

Adding and subtracting negative numbers

Example

Work out: a $6 + ^{-}2$

b $^{-}7 - ^{-}3$

a $6 + ^{-}2 = 6 - 2 = 4$

b $^{-}7 - ^{-}3 = ^{-}7 + 3 = ^{-}4$

1 Copy and complete these sequences.

a 5, 3, 1, $^{-}1$, \square , \square , \square

b 30, 23, 16, 9, \square , \square , \square

c $^{-}36$, $^{-}31$, $^{-}26$, $^{-}21$, \square , \square , \square

2 Work out:

a $6 + ^{-}4 = 2$

b $8 + ^{-}7 = 1$

c $5 + ^{-}5 = 0$

d $8 + ^{-}10 = ^{-}2$

e $9 + ^{-}3 = 6$

f $14 + ^{-}8 = 6$

g $6 + ^{-}8 = ^{-}2$

h $2 + ^{-}9 = ^{-}7$

i $^{-}6 + ^{-}2 = ^{-}8$

j $^{-}1 + ^{-}7 = ^{-}8$

k $^{-}3 + ^{-}6 = ^{-}9$

l $^{-}12 + ^{-}15 = ^{-}27$

m $^{-}8 + ^{-}5 = ^{-}13$

n $^{-}6 + ^{-}11 = ^{-}17$

o $^{-}4 + ^{-}9 = ^{-}13$

p $^{-}6 + ^{-}6 = ^{-}12$

3 Work out:

a $6 - ^{-}4 = 10$

b $9 - ^{-}2 = 11$

c $5 - ^{-}8 = 13$

d $1 - ^{-}1 = 2$

e $^{-}4 - ^{-}6 = 2$

f $^{-}8 - ^{-}2 = ^{-}6$

g $^{-}5 - ^{-}5 = 0$

h $^{-}2 - ^{-}5 = 3$

i $^{-}14 - ^{-}8 = ^{-}6$

j $^{-}13 - ^{-}11 = ^{-}2$

k $^{-}9 - ^{-}32 = 23$

l $^{-}46 - ^{-}18 = ^{-}28$

4 Work out:

a $^{-}4 + ^{-}3 + 8$

b $^{-}7 - ^{-}5 + ^{-}3$

c $8 + ^{-}5 - ^{-}7$

d $^{-}1 + ^{-}6 + ^{-}9$

e $9 - ^{-}7 + ^{-}4$

f $29 - ^{-}11 + 9$

g $^{-}6 + ^{-}6 - ^{-}6$

h $11 - ^{-}22 + ^{-}33$

i $^{-}2 - ^{-}6 + ^{-}9$

5 Copy and complete:

a $7 - \square = ^{-}2$

b $\square + 7 = ^{-}23$

c $15 + \square = 6$

d $\square + ^{-}11 = ^{-}16$

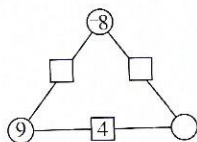
e $12 + \square = ^{-}14$

f $\square + ^{-}26 = ^{-}2$

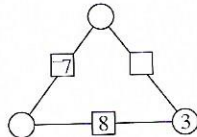
6 Work out: $15 + ^{-}8 - 2 + ^{-}6$ 7 Write down five different numbers that add together to give the number $^{-}3$.

8 Numbers in squares = the sum of numbers in circles. Find the missing numbers.

a



b



c

