# Negatives: Addition and Subtraction

Video 205 on www.corbettmaths.com

#### Examples







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## Workout

Question 1: Work out the answers to each of the following

(a) 
$$2 - 3$$

(b) 
$$3-5$$

(c) 
$$4 - 9$$

(d) 
$$1-5$$

(e) 
$$5-7$$

(f) 
$$6-7$$

$$(g) 8 - 11$$

(h) 
$$2-10$$

(i) 
$$-2 + 4$$

(j) 
$$-3 + 9$$

$$(k) -7 + 10$$

(l) 
$$-6 + 1$$

$$(m) -5 + 8$$

(n) 
$$-9 + 7$$

(o) 
$$-20 + 11$$

$$(p) -12 + 18$$

$$(q) -3 - 2$$

$$(r) -4 - 1$$

(s) 
$$-6-3$$

$$(t) -1 - 5$$

(u) 
$$-7 - 3$$

$$(v) -8 - 5$$

$$(w) -9 - 12$$

$$(x) -15 - 13$$

Question 2: Work out the answers to each of the following

(a) 
$$3 + 5 - 4$$

(b) 
$$2 + 1 - 6$$

(c) 
$$5-8-1$$

(d) 
$$7 - 10 + 1$$

(e) 
$$8 + 3 - 15$$

(f) 
$$5 - 6 - 4$$

(g) 
$$1 - 7 - 4$$

(h) 
$$-3 + 6 + 1$$

(i) 
$$-8 + 2 + 3$$

(j) 
$$-10 + 4 - 6$$

(k) 
$$-9-3-1$$
 (l)  $-2-7+4$ 

$$(m) -20 + 11 - 6$$

$$(n) -5 + 14 - 8$$

(o) 
$$-13 - 4 + 6$$

(p) 
$$-30 - 80 + 40$$

Question 3: Work out the answers to each of the following

(a) 
$$4 + -1$$

(b) 
$$6 + -2$$

(c) 
$$8 + -7$$

(d) 
$$3 + -5$$

(e) 
$$1 + -7$$

(f) 
$$3 + -10$$

(g) 
$$-2 + -1$$

(h) 
$$-1 + -6$$

(i) 
$$-5 + -5$$

(j) 
$$-4 + -5$$

(k) 
$$-10 + -11$$
 (l)  $-8 + -4$ 

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Question 4: Work out the answers to each of the following

(a) 
$$6 - +1$$

(b) 
$$3 - +2$$

(b) 
$$3 - +2$$
 (c)  $8 - +4$  (d)  $2 - +5$ 

(d) 
$$2 - +5$$

$$(f) -2 - +5$$

(f) 
$$-2-+5$$
 (g)  $-10-+3$  (h)  $-1-+1$ 

$$(h) -1 - +1$$

(j) 
$$-2 - +6$$

(j) 
$$-2 - +6$$
 (k)  $-20 - +13$  (l)  $15 - +25$ 

Question 5: Work out each of the following

(b) 
$$3 - -1$$
 (c)  $3 - -5$  (d)  $6 - -4$ 

(c) 
$$3 - -5$$

(d) 
$$6 - -4$$

(e) 
$$9 - -2$$

(f) 
$$-1 - -4$$

(e) 
$$9--2$$
 (f)  $-1--4$  (g)  $-2--1$  (h)  $-8--3$ 

(h) 
$$-8 - -3$$

(i) 
$$-5 - -9$$

$$(j) - 6 - -7$$

$$(k) -15 - -8$$

(i) 
$$-5 - -9$$
 (j)  $-6 - -7$  (k)  $-15 - -8$  (l)  $-12 - -30$ 

Question 6: Work out each of the following

(c) 
$$-4 - 8$$

(b) 
$$-9+5$$
 (c)  $-4-8$  (d)  $-4+-3$ 

(e) 
$$-9 - +4$$

(f) 
$$10 - -3$$
 (g)  $7 - 20$ 

(g) 
$$7 - 20$$

(h) 
$$-2 - -5$$

(i) 
$$12 + -7$$

(i) 
$$-4 - -1$$

$$(k) -9 + -8$$
  $(l) 8 - 13$ 

(m) 
$$6 - -11$$
 (n)  $-7 - +7$  (o)  $-6 - 5$  (p)  $-20 + -3$ 

$$(n) -7 - +7$$

(a) 
$$-6 - 5$$

(p) 
$$-20 + -3$$

$$(r) -8 + 25$$

(q) 
$$-9 - -15$$
 (r)  $-8 + 25$  (s)  $31 - 50$  (t)  $-30 - -16$ 

$$(11)$$
  $-41 - 14$ 

(u) 
$$-41-14$$
 (v)  $-5-+23$  (w)  $-16+-15$  (x)  $40--40$ 

$$(x) 40 - -40$$

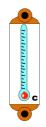
(y) 
$$-18 - -27$$
 (z)  $-52 + 90$ 

$$(z) -52 + 90$$

#### Apply

Question 1: At midnight, the temperature in Belfast was -2°C At 9am, the temperature was 5°C

By how many degrees did the temperature rise?



Question 2: Mr Jones has -£50 in his bank account. If he pay £70 into the bank, how much will he now have in his account?