

# [N7-05-10-12]

## Exercise 4.2

answers on p. 423

1. Draw a number line, then use it to help you do the following.  
(a)  $9 + (-5)$                       (b)  $5 + (-7)$                       (c)  $-2 + (-5)$
2. Do the following.  
(a)  $-7 + 16$                       (b)  $-3 + (-9)$                       (c)  $15 + (-19)$   
(d)  $-21 + 16$                       (e)  $-5 + (-20)$                       (f)  $-7 + 7$   
(g)  $-5 + (-2)$                       (h)  $5 + (-10)$                       (i)  $-7 + 5$   
(j)  $3 + (-7)$                       (k)  $-23 + (-13)$                       (l)  $-45 + 18$   
(m)  $27 + (-32)$                       (n)  $-38 + 81$                       (o)  $55 + (-42)$   
(p)  $-37 + 37$                       (q)  $-64 + (-64)$                       (r)  $-129 + 107$
3. Do the following.  
(a)  $7 - 3$                       (b)  $5 - 8$                       (c)  $-5 - 8$   
(d)  $-5 - 3$                       (e)  $8 - (-3)$                       (f)  $5 - (-7)$   
(g)  $-6 - (-8)$                       (h)  $-8 - (-4)$                       (i)  $-34 - (-74)$   
(j)  $-52 - (-31)$                       (k)  $38 - (-8)$                       (l)  $-45 - (-12)$   
(m)  $-24 - (-32)$                       (n)  $82 - (-18)$                       (o)  $14 - (-56)$   
(p)  $-92 - (-92)$                       (q)  $107 - 128$                       (r)  $-351 - (-101)$
4. Evaluate the following.  
(a)  $24 - (-12)$                       (b)  $-156 - 342$   
(c)  $342 - (-32)$                       (d)  $765 - (-342)$   
(e)  $-(-682) + 402$                       (f)  $-345 + (-284)$   
(g)  $354 - (-404)$                       (h)  $432 - (-135)$   
(i)  $426 - (-12) + 28$                       (j)  $255 - (-122) - 201$   
(k)  $-(-234) - 111 - 182$                       (l)  $365 + (-182) - (-222)$   
(m)  $562 - (-100) - 201$                       (n)  $-(-800) + (-510) - (120)$   
(o)  $-285 - (-124) - (-321)$                       (p)  $-379 - (-128) - (-251)$