

National 4 Homework Exercise 2 Integers

1. Complete all calculations below **without a calculator**. Show all working!

(a) $124.4 - 17.7$

(b) $15192 \div 60$

(c) 526×48 [3]

2.



I had £32 in my bank account. When out shopping I withdrew £50. What will my bank balance be now? [2]

3. Rewrite these integers in order, starting with the smallest: 3, -1, 1, -4, -5, -2. [2]

4. What is the number:-

(a) 3 bigger than -5

(b) 2 smaller than -7 [2]

5. Calculate:-

(a) $1 - 6$

(b) $4 \times (-5)$

(c) $(-3) + 1$

(d) $(-7) \times (-4)$

(e) $(-20) \div 4$

(f) $3 + (-5)$

(g) $(-6) \times 3$

(h) $(-1) - (-4)$

(i) $-5 - 4$

(j) $2 - (-6)$

(k) $(-24) \div (-8)$

(l) $(-9) \times 0$ [12]

6. Find the following:-

(a) $(-2) - (-6) + (-7)$

(b) $((-4) - 6) \div 5$

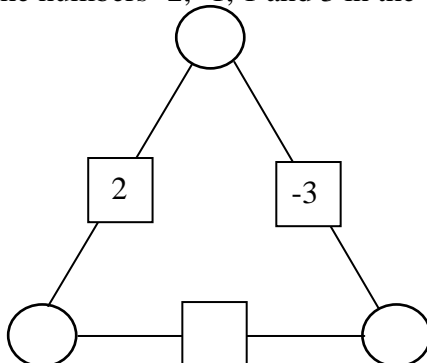
(c) $(-2) + (-4) \times (-6)$ [5]

7.

Rule: The number in the square is the sum of the numbers in the circle on either side of it.



Using the rule enter the numbers -2, -1, 1 and 3 in the diagram below.

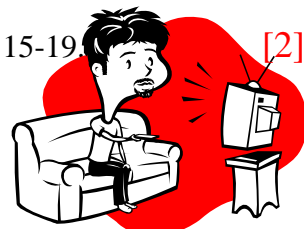


[2]

8. There are five million people in the United Kingdom aged 15-19.

30% of these people regularly watch cartoons.

How many people is this?



[2]