

Negative Numbers Exam Practice



Addition & Subtraction

Q1. Work out $3 - 11$

-8

Answer: -8
(1 mark)

Q2. Work out $5 - 19$

-14

Answer: -14
(1 mark)

Q3. Work out $12 - 18$

-6

Answer: -6
(1 mark)



Q4. Work out $-5 - 21$

$$-26$$

Answer: -26
(1 mark)

Q5. Work out $-34 - -50$

$$-34 + 50 = 16$$

Answer: 16
(1 mark)

Q6. Work out $-23 + -70$

$$-23 - 70 = -93$$

Answer: -93
(1 mark)



Q7. Work out $18 + -32$

$$18 - 32 = -14$$

Answer: -14
(1 mark)

Q8. Work out $-47 - +15$

$$-47 - 15 = -62$$

Answer: -62
(1 mark)

Multiplication & Division

Q9. Calculate 5×-3

$$-15$$

Answer: -15
(1 mark)



Q10. Calculate -8×-9

72

Answer: 72
(1 mark)

Q11. Calculate -7×15

-105

Answer: -105
(1 mark)

Q12. Calculate $-42 \div 7$

-6

Answer: -6
(1 mark)



Q13. Calculate $72 \div -4$

-18

Answer: -18
(1 mark)

Q14. Calculate $-180 \div -15$

12

Answer: 12
(1 mark)

Q15. Calculate $112 \div -8$

-14

Answer: -14
(1 mark)



Q16. Calculate $840 \div -120$

$$= 84 \div -12$$

$$= -7$$

Answer: -7
(1 mark)

Problem Questions:

Q17. 4 teams entered a spelling competition, where 1 point is awarded for a correct answer and 1 point is lost for an incorrect answer.

There were 80 questions, and the total number of points was 15.

Team	Number of Questions attempted	Points
A	23	14
B	18	-12
C	26	22
D	13	-9

Total: 80

15

a) Complete the table.

Answer: _____
(2 marks)

b) How many more points did Team A score than team D?

$$14 - -9$$

$$= 23$$

Answer: 23
(1 mark)



Q18. The table below shows the average temperature of various cities in July and December.

City	July	December	Difference
Abudad	11	-6	17
Branston	3	-22	25
Krarow	26	-9	35
Dhadrid	5	18	13

(a) Which city has the least difference in July and December temperature?

Dhadrid

Answer: Dhadrid
(2 marks)

(b) What is the temperature difference between Dhadrid in July and Branston in December?

$$5 - -22 = 27$$

Answer: 27
(2 marks)

(c) Based on the data above, which city has the coldest average temperature?

$$\text{Abudad: } \frac{11 + -6}{2} = 2.5$$

$$\text{Branston: } \frac{3 + -22}{2} = -9.5$$

$$\text{Krarow: } \frac{26 + -9}{2} = 8$$

$$\text{Dhadrid: } \frac{5 + 18}{2} = 11.5$$

Answer: Branston
(3 marks)



Q19. Here are a set of number cards:

-4	11	-9	2	15	-6
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Choose the pair which when subtracted from each make the answer:

(a) as large as possible

$$15 - -9 (= 24)$$

Answer: 15, -9
(1 mark)

(b) as close to zero as possible

$$\begin{aligned} -4 - -6 (= 2) & \text{ or} \\ -6 - -4 (= -2) \end{aligned}$$

are both 2 away from zero, the closest possible.

Answer: -4, -6
(1 mark)