Exam Style Questions

Negatives: addition, subtraction, multiplication and division

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser
You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

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Video 205
Video 206
Video 207
1. Write down the number that is

(a) 4 less than 1

..........................  
(1)

(b) 2 more than −8

..........................  
(1)

(c) −2 multiplied by 7

..........................  
(1)

(d) −8 multiplied by −3

..........................  
(1)

(e) −10 divided by 5

..........................  
(1)

(f) −12 divided by −2

..........................  
(1)
2. Write down the answer to

(a) $3 - 7$

.................................

(1)

(b) $-2 \times -7$

.................................

(1)

(c) $21 \div -7$

.................................

(1)

(d) $-100 \div -4$

.................................

(1)

3. Calculate

(a) $(-54) \div (-9)$

.................................

(1)

(b) $10 - (-2)$

.................................

(1)
4. Calculate

(a) $3 \times -13$

(b) $-48 \div -8$

5. Complete the following.

(a) $20 \div \underline{} = -4$

(b) $-7 - \underline{} = -10$

(c) $5 + \underline{} = 0$

(d) $-6 \times \underline{} = 36$
6. Work out each of the following

(a) \(5 - 8 + 1\)

.................................

.................................

(b) \(7 - 9 - 2\)

.................................

.................................

(c) \(-10 + 3 + 13\)

.................................

.................................

7. Work out each of the following

(a) \(7 - (-4)\)

.................................

.................................

(b) \(-2 + (-3)\)

.................................

.................................

(c) \(-6 - (-8)\)

.................................

.................................
8. Emily has the following cards

![Cards Image]

Emily is going to choose two cards and multiply the numbers on them. What cards should Emily choose to make the largest possible answer?

9. Fill in the missing numbers

(a) 

![Missing Number Image]

(b) 

![Missing Number Image]

(c) 

![Missing Number Image]
10. Fill in the missing numbers

(a) \[2 \times \square = -16\]  

(b) \[-1 \times \square = 2\]  

(c) \[\square \times -7 = 42\]  

(d) \[\square \div 3 = -15\]  

11. Work out

(a) \((-3)^2\)  

(b) \((-2)^3\)