



Division of integers

1. Write five pairs of integers (a, b) such that $a \div b = -5$. One such pair is (10, -2) because $10 \div (-2) = -5$.
2. In a class test (+5) marks are given for every correct answer and (-5) marks are given for every incorrect answer and no marks for not attempting any question.
 - A. Divya scored 31 marks. If she got 12 correct answers, how many questions has she attempted incorrectly?
 - B. Kanak scored -10 marks in this test, though she got 11 correct answers. How many questions has she attempted incorrectly?
3. The temperature at 12 noon was 20°C above zero. If it decreases at the rate of 3°C per hour until midnight, at what time would the temperature be 8°C below zero? What would be the temperature at midnight?

4. Match the following.

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| A. $(-176) \div 11$ | i. 5 |
| B. $33 \div 11$ | ii. 2 |
| C. $110 \div (-11)$ | iii. 24 |
| D. $(-60) \div (-12)$ | iv. -10 |
| E. $24 \div 12$ | v. -11 |
| F. $(-108) \div 3$ | vi. -3 |
| G. $144 \div 6$ | vii. -16 |
| H. $88 \div (-8)$ | viii. 1 |
| I. $15 \div (-5)$ | ix. 36 |
| J. $(-10) \div (-10)$ | x. 3 |