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The file: Rational Numbers worksheet

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1

TEST QUESTION

NAME:

Field Of Study: Numbers And Operations

CLASS:

Topic: Rational Number

1. Compare and arrange the following numbers in the stated order.

i. -8, 4, -12, 6, 0, -19

(1M)

Ascending order:

ii. -15, 10, 7, -9, 16, -11

(1M)

Descending order:

iii. -26, 0, -8, -20, -17, 2

(1M)

Descending order:

iv. 14, 25, -21, -18, 3, -24

(1M)

Ascending order:

2. Using all the given numbers and operations, construct a perfect calculation with the correct answer. (4M)

i.

-12

=

-16

+

x

2

Answer:

ii. $\boxed{-12} \quad \boxed{-12} \quad \boxed{-12} \quad \boxed{-} \quad \boxed{+} \quad \boxed{=}$

Answer:

3. Solve each of the following. (6M)

i. $-3.84 - (11.2) \times (-2.35)$

Answer:

ii. $(-2.73 + 8.97) \div (-1.6)$

Answer:

iii. $6.75 \div (-2.5) - 4.02$

Answer:

4. The temperature at the top and the bottom of a mountain are -9.8°C and 6.4°C respectively. Khairul is at the halfway mark of the mountain. Find

i. the difference in temperatures at the top and at the bottom of the mountain(2M)

Answer:

ii. the temperature at Khairul's location. (2M)

Answer:

5. Roslinda bought 14 m of cloth to sew clothes for her children. Each metre of the cloth cost RM6.75.

i. If Roslinda pay using a piece of RM100 note, how much is her change? (2M)

Answer:

- i. During the festive season, the cloth is sold at a discount of 10%. Find the price of the 14 m cloth.(2M)
Answer: