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Worksheet-3 on Comparing Decimal 5th grade

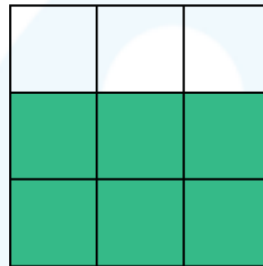
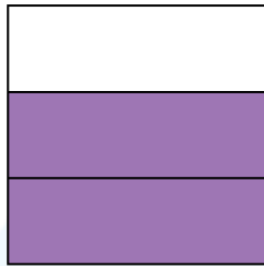
Q1) Which one of the following decimal numbers is the greatest?

- a) Two-tenths
- b) Sixty-two hundredths
- c) Seven tens and five-tenths

Q2) Which one of the following numbers is the least?

$$\frac{2}{3}$$

$$0.5$$



Q3) Jack's mother gave him \$34.2 and his father gave him \$78.1. Who gave Jack the more money?

Q4) Order the decimal numbers from least to greatest.

$$0.22, 2.2, 0.2, 0.02, 2.02$$

Q5) Which of the following expressions is less than the decimal number 153.03?

- a) $100 + 50 + 30 + \frac{3}{10}$
- b) $500 + 10 + 3 + \frac{3}{100}$
- c) $100 + 50 + 3 + \frac{3}{1000}$
- d) $100 + 50 + 3 + \frac{30}{10}$

Q6) Fill the appropriate signs: $>$, $<$ or $=$ to make the statements true.

a) $45.18 _ _ 12.54 + 32.005$

b) $786.234 _ _ 91.456 - 178.56$

c) $56.73 - 24.89 _ _ 19.58 + 12.26$

Q7) State which of the following statement(s) is/are correct.

a) $26 \div 100 < 2.6 \div 10$

b) $2.6 \div 10 = 26 \div 100$

c) $0.26 \times 10 > 2.6 \div 100$

d) $26 \times 0.1 = 2.6 \div 0.1$

Q8) Which of the following decimal numbers is more than 4.38 and less than 4.39?

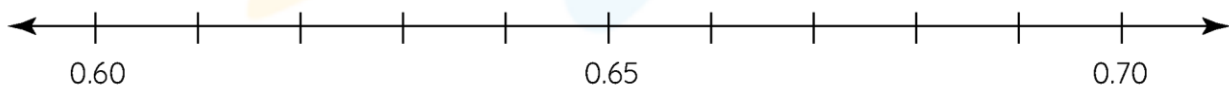
a) 4.33

b) 4.381

c) 4.039

d) 4.038

Q9) Plot the decimal numbers 0.6 and 0.67 on the number line shown below and state the least number.



Q10) Messy scored 26.5 marks out of 30 and Nyra got 26 marks out of 30. Who got the highest marks?

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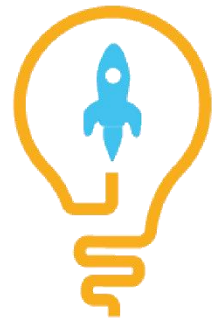
- Barbara Cabrera

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ANSWERS

1) c) Seven tens and five-tenths	2) 0.5
3) Father	4) 0.02, 0.2, 0.22, 2.02, 2.2
5) c) $100 + 50 + 3 + \frac{3}{1000}$	6) a) > b) < c) =
7) b), c)	8) b) 4.381
9) 0.6	10) Messy

**SOLUTIONS**

Complete solution/explanation

Sol 1: c) Seven tens and five-tenths

Sol 2: 0.5

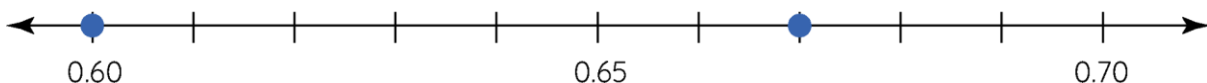
Sol 3: Father

Sol 4: 0.02, 0.2, 0.22, 2.02, 2.2

Sol 5: c) $100 + 50 + 3 + \frac{3}{1000}$ Sol 6: a) $12.54 + 32.005 = 44.545$ $45.18 > 12.54 + 32.005$ b) $891.456 - 178.56 = 712.896$ $786.234 < 91.456 - 178.56$ c) $56.73 - 24.89 = 31.84$ $19.58 + 12.26 = 31.84$ Sol 7: b) $2.6 \div 10 = 26 \div 100$ c) $0.26 \times 10 > 2.6 \div 100$

Sol 8: b) 4.381

Sol 9:



0.6 is the least number.

Sol 10: Messy

FUN FACT

1. A decimal number system is used to express the whole number and fraction together.
2. All fractions can be written as a decimal number.
3. The digits to the right of the decimal point represents the fractional part of a decimal number.

