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COMPARING FRACTIONS AND DECIMALS WORKSHEET - 3

1) Which decimal number is equivalent to $\frac{31}{4}$?

- a) 4.80
- b) 4.42
- c) 7.75

2) Arrange these numbers from largest to smallest.

$$\frac{3}{5}, 0.11, \frac{7}{6}, 0.12, 1.20$$

3) Sim and Harry have their houses as 3.141 kms and $\frac{1581}{500}$ kms away from their school. Who reaches their home first when the school gets over?



4) Select the greatest number from the options shown below.

- a) $\frac{8}{25}$
- b) 0.12
- c) 1.15
- d) $\frac{9}{5}$

5) Which of the following statement(s) is/are true?

- a) $0.123 = \frac{1}{55}$
- b) $\frac{28}{25} = 1.12$
- c) $0.12 = \frac{3}{25}$
- d) $1.70 = \frac{8}{5}$

6) Put the appropriate signs in each of the following.



a) $\frac{5}{6}$ _____ 0.8

b) 6.7 _____ $\frac{137}{20}$

7) Choose a number greater than 3.5 and less than $\frac{18}{5}$.

a) 3.41

b) $\frac{88}{25}$

c) $\frac{91}{25}$

8) Which is greater? $\frac{82}{25}$ OR 2.83

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

a) $0.23 < \frac{2.3}{10}$

b) $\frac{2.3}{10} = 0.23$

c) $2.3 = \frac{2.3}{10}$

10) Which one of the following numbers is nearest to $\frac{49}{5}$?

$\frac{47}{5}$, $\frac{48}{5}$, 9.79, 9.59, 9.49

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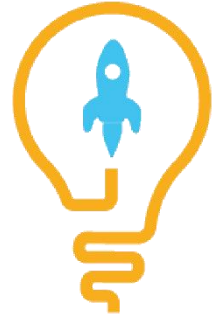
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ANSWERS

1)	c) 7.75
2)	$1.20, \frac{7}{6}, \frac{3}{5}, 0.12, 0.11$
3)	Sim
4)	d) $\frac{9}{5}$
5)	b), c)
6)	a) $>$, b) $<$
7)	b) $\frac{88}{25}$
8)	$\frac{82}{25}$
9)	b) $\frac{2.3}{10} = 0.23$
10)	9.79

FUN FACT

1. The word [fraction](#) originated from the Latin word 'fractio' that means 'to break'.
2. Egyptians were the first to use fractions to solve their mathematical problems.
3. Vinculum is the small horizontal line that separates [numerator](#) and [denominator](#) in a fraction.

