NAME:-_____ SUB:-_____ STD:- _____

Topic:-_____

1. Division of Decimal Fractions.

Example:-

$5/7 \div 2/3 = 5/7 \times 3/2 = 15/14$

(1) $6.2 \div 2 = 62/10 \div 2/1$

$= 62/10 \times 1/2$

$= 31/10$

$= 3.1$

(2) $3.4 \div 5 = 34/10 \div 5/1$

$= 34/10 \times 1/5$

$= 34/50$

$= 34 \times 2/50 \times 2$

$= 68/100$

$= 0.68$

(3) $4.8 \div 1.2 = 48/10 \div 12/10$

$= 48/10 \times 10/12$

$= 4$

1. Carry out the following divisions.

(1) $4.8 \div 2$

(2) 17.5 ÷ 5

(3) 20.6 ÷ 2

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(4) 32.5 ÷ 25

2. A road is 4 km 800 m long. If trees are planted on both its sides at intervals of 9.6 m, how many trees were planted?

3. Pradnya exercises regularly by walking along a circular path on a field. If she walks a distance of 3.825 km in 9 rounds of the path, how much does she walk in one round?

4. A pharmaceutical manufacturer bought 0.25 quintal of *hirada*, a medicinal plant, for 9500 rupees. What is the cost per quintal of *hirada*? (1quintal = 100 kg)