

3/17/2022

Ex 10.0

Date _____
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4 If $614.6 \times 9 = 5531.4$, then find the product of each of the following without actually doing the multiplication

a) $61.46 \times 9 = 553.14$

b) $0.6146 \times 9 = 5.5314$

c) $6146 \times 9 = 55314$

d) $6.146 \times 9 = 55.314$

e) $0.06146 \times 9 = 0.55314$

5 If $2.48 \times 6 = 14.88$ then find out the product without actually doing the multiplication when

2.48 is multiplied by

a) $60 = 148.8$

$$b) 600 = \cancel{1488} \quad 1488$$

$$c) 0.6 = \cancel{1.488} \quad 1.488$$

$$d) 0.06 = \cancel{0.1488} \quad 0.1488$$

$$e) 6000 = \cancel{14880} \quad 14880$$

Ex 20.F

$$e) 4648 \div 1000 = \frac{4648}{1000} = 4.648$$

$$f) 547.8 \div 1000 = \frac{5478}{10} \div 1000 = \frac{5478}{10} \times \frac{1}{1000}$$

$$= \frac{5478}{10000} = 0.5478$$

$$g) 3.6 \div 10000 = \frac{36}{10} \div 10000 = \frac{36}{10} \div \frac{10000}{10000}$$

$$= \frac{36}{100000} = 0.00036$$

$$h) 47.6 \div 10000 = \frac{476}{10} \div 10000 = \frac{476}{10} \times \frac{1}{10000} = \frac{476}{100000}$$

$$= 0.00476$$