

## Decimals and Percentages Part 2

### Exercise Worksheet 4.2 Solutions

1. Solve the following:

$$\text{i.} \quad 460.3917 \quad \times \quad 1000 \quad = \quad 460391.7$$

$$\text{ii.} \quad 360.2561 \quad \times \quad 10 \quad = \quad 3602.561$$

$$\text{iii.} \quad 71.3066 \quad \times \quad 100 \quad = \quad 7130.66$$

$$\text{iv.} \quad 153.1627 \quad \times \quad 1000 \quad = \quad 153162.7$$

$$\text{v.} \quad 95.2195 \quad \times \quad 10 \quad = \quad 952.195$$

$$\text{vi.} \quad 900.2099 \quad \times \quad 100 \quad = \quad 90020.99$$

$$\text{vii.} \quad 272.4709 \quad \times \quad 1000 \quad = \quad 272470.9$$

$$\text{viii.} \quad 889.5675 \quad \times \quad 10 \quad = \quad 8895.675$$

$$\text{ix.} \quad 358.7056 \quad \times \quad 100 \quad = \quad 35870.56$$

$$\text{x.} \quad 428.4068 \quad \times \quad 1000 \quad = \quad 428406.8$$

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2. Solve the following:

i.  $40.2 \times 24 = 964.8$

ii.  $84.9 \times 9 = 764.1$

iii.  $79.4 \times 7 = 555.8$

iv.  $49.2 \times 12 = 590.4$

v.  $26.7 \times 3 = 80.1$

vi.  $83.3 \times 3 = 249.9$

vii.  $89.4 \times 22 = 1966.8$

viii.  $59.4 \times 3 = 178.2$

ix.  $25.3 \times 25 = 632.5$

x.  $30.3 \times 25 = 757.5$

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3. Solve the following:

i.  $24.71 \times 40.707 = 1005.86997$

ii.  $400.6 \times 20.791 = 8328.8746$

iii.  $32.2 \times 43.362 = 1396.2564$

iv.  $387.9 \times 46.349 = 17978.7771$

v.  $42.94 \times 16.672 = 715.89568$

vi.  $236.8 \times 27.167 = 6433.1456$

vii.  $26.46 \times 46.481 = 1229.88726$

viii.  $473.2 \times 28.204 = 13346.1328$

ix.  $29.02 \times 41.043 = 1191.06786$

x.  $265.9 \times 38.511 = 10240.0749$