



## Grade 8 - Mathematics

### Decimals 4

#### Memo



A. Calculate the following without using a calculator:

1. $4,5 \times 0,2$ $45 \times 2$ 90 0,9	2. $0,38 \times 3$ $38 \times 3$ 114 1,14
3. $0,19 \times 0,1$ $19 \times 1$ 19 0,019	4. $1,5 \times 0,4$ $15 \times 4$ 60 0,6
5. $0,25 \times 0,5$ $25 \times 5$ 125 0,125	6. $0,05 \times 0,8$ $5 \times 8$ 40 0,04
7. $1,8 \times 0,04$ $18 \times 4$ 72 0,072	8. $0,6 \times 4$ $6 \times 4$ 24 2,4
9. $3,1 \times 0,3$ $31 \times 3$ 63 0,63	10. $2,01 \times 0,02$ $201 \times 2$ 402 0,0402



# WorksheetCloud

## B. Solve the following problems:

1. Find the area of a rectangle which is 7m long and 4,2m wide

$$A = l \times b$$

$$= 7\text{m} \times 4,2\text{m}$$

$$= 29,4\text{m}^2$$

$$7 \times 42 = 294$$

The area is 29,4m<sup>2</sup>

2. At a material shop, a lady buys a piece of material that is priced at R20,50 per metre. How much will she pay if she buys 2½m.

$$R20,50 \times 2,5$$

$$= R51,250$$

$$2050 \times 25 = 51250$$

She will pay R51,25

3. An offroad cycle track is 12,75km. If a cyclist rides around the track 3¼ times before he gets a puncture, how many kilometers will he have covered? Round off to the nearest first decimal place.

$$12,75\text{km} \times 3\frac{1}{4}$$

$$= 12,75 \times 3,25$$

$$= 41,4375\text{km}$$

$$1275 \times 325 = 414\,375$$

He would have ridden 41,4km before the puncture