

# Master Maths 7 Worksheet 21

## Decimals - Multiplication and Division

# 21

**Name:** \_\_\_\_\_

**1. Find the answers to the following problems.**

<p>(a)</p> $\begin{array}{r} 25.96 \\ \times 34 \\ \hline \end{array}$	<p>(b)</p> $\begin{array}{r} 81.07 \\ \times 6.3 \\ \hline \end{array}$
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**2. Find the answers to the following problems. Show all workings.**

(a) $33 \div 8$	(b) $27.38 \div 5$
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(c) $56.78 \div 0.4$	(d) $9.5 \div 0.008$
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**3. (a) Estimate the answer to the following problem by rounding the numbers to the nearest ten before multiplying.**

$$87.45 \times 19.6$$

**(b) Use a calculator to find the answer to this problem.**

**(c) What is the difference between these two answers?**

**4. Find the answers to the following problems without using a calculator.**

- (a)  $45.67 \times 10$
- (b)  $678.21 \div 10$
- (c)  $2.7894 \times 100$
- (d)  $89.103 \div 100$
- (e)  $6.8 \times 1000$
- (f)  $0.0402 \times 10\,000$
- (g)  $0.05 \div 10$
- (h)  $9.3 \div 100\,000$
- (i)  $0.2 \times 100\,000$


**5. Complete the following conversions**

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|----------------------------|---|
| (a) 5.3 km =               | m |
| (b) 40 mm =                | m |
| (c) 0.37 kg =              | g |
| (d) 8900 cm =              | m |
| (e) 0.0257 ML =            | L |
| (f) 62 000 $\mu\text{m}$ = | m |
| (g) 72.51 MW =             | W |
| (h) 3 mm =                 | m |
| (i) 0.00507 kg =           | g |