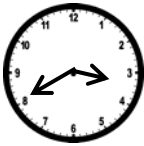



No.	Requirements	Mark	Additional Guide
3	a) i) 0.5 kg	1	c.a.o
	ii) 200 ml	1	c.a.o.
	b) i) 2 m	1	c.a.o.
	ii) 7 m	1	c.a.o.
4.	a) i) 0.03	1	c.a.o
	ii) 0.3	1	c.a.o
	iii) 134.33	1	c.a.o
	b) Correct marking of 5.7	1	c.a.o
5.	a) i) $11 \frac{1}{2}$	1	c.a.o
	ii) 2600g	1	c.a.o
	b) $\begin{array}{r} + 30 \quad \div 20 \quad \times 5 \\ \underline{230} \rightarrow \underline{260} \rightarrow \underline{13} \rightarrow 65 \end{array}$	3	c.a.o.
6.	a) $\text{€}1275 \times 2 =$ $\text{€} 2550$	1 1	Seen or implied.
	b) $10\% \text{ of } 2550 = \text{€}255$ $2550 - 255 = \text{€}2295$	2 1	Seen or implied. f.t.
7.	a) i) Fred	1	c.a.o.
	ii) $57 + 24 = 81$ 81 is a square number.	2	Accept any valid reason.
	b) $3 \times 2 = 6$ or $5 \times 6 = 30$	2	Accept any valid example.
8.	a) $\frac{1}{3}$ of 450 150 muffins	1 1	Seen or implied.
	b) $200 + 150 = 350$ $450 - 350$ 100 muffins	1 1 1	Seen or implied. Seen or implied.
	a) $90^\circ + 23^\circ = 113^\circ$ $180^\circ - 113^\circ = 67^\circ$	1 2	Seen or implied. Seen or implied.
b)	i) an acute	1	c.a.o.
	ii) an isosceles	1	c.a.o.
10.	a) $621 \div 32 = 19 \text{ r}13$ 20 trips	2 1	Seen or implied.
	b) 600 parcels.	2	c.a.o.
11. a)	$1.40 \text{ m} + 2.46 \text{ m} + 3.3 \text{ m} =$	1	Seen or implied.
	7.16 m	1	

b) i)	$8:00\text{m} - 7:16\text{m} =$ $0:84\text{m}$	1 1	Seen or implied.
ii)	80cm	1	c.a.o.
12. a)	2:05 p.m.	1	c.a.o.
b) i)	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Clock A.</p>  </div> <div style="text-align: center;"> <p>Clock B.</p>  </div> </div>	2	c.a.o.
ii)	2 right angles.	1	c.a.o.
c)	40 minutes	1	c.a.o.
13. a)	$45 + 25 + 30 + 20 =$ 120 ice-creams	1 1	Seen or implied.
b)	$120 \div 4 =$ 30 ice-creams	1	c.a.o.
c)	$45 - 25 =$ 20 ice-creams	1	c.a.o.
d)	$120 \times 50 = 6000\text{c}$ €60 or €60.00	1 1	Seen or implied.
14. a)	$4\text{m} \times 3\text{m} =$ 12m^2	1 1	Seen or implied.
b) i)	$48\text{m}^2 \div 6\text{m} =$ 8m	1 1	Seen or implied.
ii)	$48\text{m}^2 - 12\text{m}^2 =$ 36m^2	1 1	Seen or implied. f.t.
15. a)	$24 \times 4 =$ 96 slices.	1 1	Seen or implied.
b)	$96 \div 8 =$ 12 pizzas.	1 1	Seen or implied. f.t.
c)	$\frac{1}{4}$ of 96 = 24 slices	1 1	Seen or implied. f.t.
16. a)	$€5.50 \times 6 = €33$ $€33 \times 5 = €165$ $€6.60 \times 6 = €39.60$ $€165 + €39.60 = €204.60$	1 1 1 1	Accept any valid method f.t.
b) i)	No	1	c.a.o.
ii)	Payment Scheme B is higher than Payment Scheme A	1	Accept any valid reason.

Legend to Marking Scheme:

c.a.o. correct answer only
f.t. follow through
-1 e.e.o.o. -1 for each error or omission

Other guidelines:

1. No mark in the marking scheme is sub-divisible.
2. Even if no working is shown, a correct answer scores full marks.
3. Incorrect answers – even though nearly correct – score no marks.
4. Incorrect working or statement following a correct answer is ignored.
5. An answer or working that is crossed out and not replaced is marked as if it was not crossed out. If the answer or working is **replaced**, then the crossed out answer or working should **not** be considered in your marking.
6. If the answer is copied from the working area to the answer area incorrectly, then the marks are awarded fully.
7. Misread loses only the final accuracy mark but f.t. may be allowed on subsequent parts. The method marks may still be earned, provided that the part question is not oversimplified.