

# Mixed Problems Answers



1	<b>199m, 207m, 219m, 245m, 259m</b>
2	$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$ <b>of a packet of biscuits</b>
3	<b>2</b>
4	$\frac{7}{10}$
5	a) <b>2 hour 30 mins or 2.5 hours or 150 minutes</b> b) <b>Gran</b>
6	<b>East</b>
7	<b>2 lemon drizzle cakes</b>
8	<b>120 minutes</b>
9	<b>1 hour and 10 minutes or 70 minutes</b>
10	<b>£9.99</b>
11	<b>99km</b>
12	<b>The earrings are 99 grams heavier.</b>



1	<b>1478m, 1578m, 1597m, 10 586m, 17 894m</b>
2	$\frac{1}{4}(\frac{2}{8}) + \frac{2}{8} + \frac{3}{8} = \frac{7}{8}$
3	$1/10$ of 24 hours $\times 2 =$ <b>4.8 hours</b>
4	<b>Trees</b>
5	<b>4</b>
6	<b>South-West</b>
7	<b><math>(4 \times 15) \times 3 = 180</math> minutes</b>
8	$3$ hours $\times 3 = 9$ hours = <b>540 minutes</b> $15$ minutes $\times 3 =$ <b>45 minutes</b> $540 + 45 =$ <b>585 minutes</b>
9	<b>11 hours and 40 minutes.</b>
10	$10\%$ of $\pounds 15 = \pounds 1.50$ $\pounds 15 - \pounds 1.50 =$ <b>£13.50</b>
11	<b>Sunday (they played for 11 minutes more than Friday).</b>
12	<b>Five rings weigh heavier by 101g.</b>



1	<b>14 625m, 14 782m, 14 896m, 104 859m, 104 985m</b>
2	$2\frac{1}{4} + 3\frac{4}{8} + 1\frac{3}{4} = 7\frac{4}{8} = 7\frac{1}{2}$
3	$15\%$ of 24 hours = <b>3.6 hours</b>
4	<b>Shrubs</b> <b>Picnic areas</b>
5	$(19.3\text{m} \times 2) + (30.5\text{m} \times 2) = 38.60\text{m} + 61\text{m} =$ <b>99.6m</b>
6	<b>225 degrees</b>
7	$45$ minutes $\times 4 = 180$ minutes $180$ minutes $\times 3 =$ <b>540 minutes</b>
8	$2$ hours $15$ mins $\times 4 = 8$ hours + 1 hour = 9 hours $9$ hours = $540$ minutes $540 \times 60 =$ <b>32 400 seconds</b>
9	<b>11 hours and 3 minutes.</b>
10	$12\%$ of $\pounds 16.00$ $10\% = \pounds 1.60$ $2\% = \pounds 0.32$ $12\%$ of $\pounds 16 = 1.92$ $\pounds 16.00 - \pounds 1.92 =$ <b>£14.08</b>
11	$10\ 472$ km $100 =$ <b>10 500 km</b> $1000 =$ <b>10 000 km</b> $10000 =$ <b>10 000 km</b>
12	<b><math>36\text{m} \times 12\text{m} = 432\text{m}^2</math></b>