



To be completed on loose-leaf paper.

Due date: \_\_\_\_\_

1. Copy and without using a calculator, complete the following calculations.

a.	$\begin{array}{r} 258 \\ + 62 \\ \hline \end{array}$	b.	$\begin{array}{r} 287 \\ 2947 \\ + 3947 \\ \hline \end{array}$	c.	$\begin{array}{r} 476 \\ - 38 \\ \hline \end{array}$	d.	$\begin{array}{r} 801 \\ - 58 \\ \hline \end{array}$
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2. Copy and without using a calculator, complete the following calculations.

a.	$\begin{array}{r} 78 \\ \times 6 \\ \hline \end{array}$	b.	$\begin{array}{r} 58 \\ \times 67 \\ \hline \end{array}$	c.	$\begin{array}{r} 486 \\ \times 207 \\ \hline \end{array}$	d.	$853 \div 7$
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3. In a darts competition, Alice scored 120 points, Bob scored 58 points and Chen scored 37 points.

- By how many points did Alice beat Chen?
- What was the difference in points between first and second place?

4. Without using a calculator, calculate each of the following.

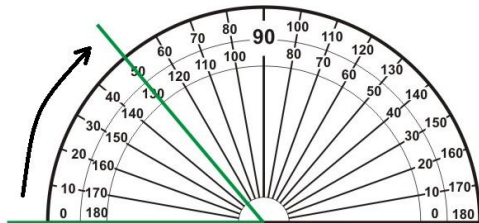
a.	$5.06 \times 7$	b.	$2.5 \times 3.2$	c.	$5.60 \div 8$	d.	$5.6 \div 0.08$
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5. Peter had \$100 of birthday money to spend. If he buys 3 pairs of socks which cost \$5.50 a pair and one pair of board shorts which cost \$34.99. How much will he have left to put towards his new pintail longboard?



6. What are the following measurements?

a. (in degrees)



b. (in kilometres per hour)



7. Michael purchased 1 kg of flour, 500g of apricots, 250g of peas and a 350g tub of yoghurt. What is the total weight of his purchases? Give your answer in kilograms.

8. a. Write the first 4 multiples of each of the following numbers.

i. 4                      ii. 8

- b. What is the lowest common multiple (LCM) of 4 and 8?

9. a. Write the factors of each of the following numbers.

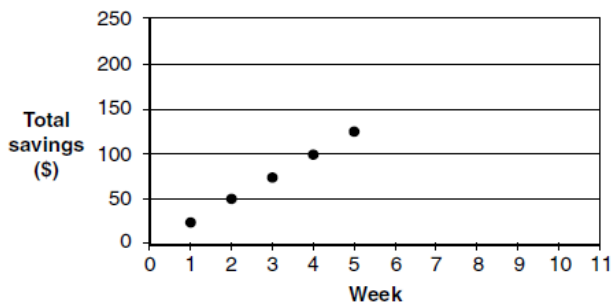
i. 36                      ii. 32

- b. What is the highest common factor (HCF) of 36 and 32?

10. Stephanie and Tina are sharing a large pizza. Stephanie eats  $\frac{1}{4}$  of the pizza and Tina eats  $\frac{1}{3}$  of the pizza. Use maths to calculate how much pizza is left uneaten.

**A**  
 Kate saves the same amount of money each week.  
 At the end of each week she adds a point to this graph of her total savings.

**Kate's savings graph**



What will be the exact total amount saved by Kate at the end of week 9?

**B** A prize of \$5934 is shared equally among 15 friends.

How much does each person get in **dollars and cents**?

**C**  
 In a netball season, Josie had 480 shots for goal.  
 She scored 210 goals and missed the rest.

Josie's success rate of scoring goals was

- A** less than 25%
- B** more than 25% but less than 50%
- C** more than 50% but less than 75%
- D** more than 75%



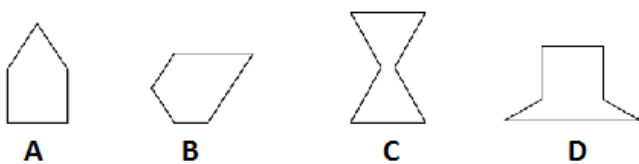
Which of these is the best estimate for the mass of this hammer?

- A** 30 grams
- B** 300 grams
- C** 30 kilograms
- D** 300 kilograms

**E**  
 Luke drew a shape with:

- exactly 2 pairs of parallel sides, and
- exactly 2 acute angles.

Which drawing could be Luke's?



**F**  
 Helen paid \$4465 for some sheep.  
 She paid the same amount of money for each sheep.  
 The cost of each sheep was a whole number of dollars.

Which of the following could be the number of sheep Helen bought?

- A** 43
- B** 45
- C** 47
- D** 49



**G**  
 This table shows the number of people who attended sport training on weekdays over 4 weeks.

DAILY ATTENDANCE				
	Week 1	Week 2	Week 3	Week 4
Monday	82	44	39	63
Tuesday	77	56	75	58
Wednesday	55	52	59	67
Thursday	35	41	37	39
Friday	28	24	32	24

Which day had the greatest total attendance over the 4 weeks?

What was the mean (average) number of people who attended sport training on Fridays?

**H**  
 Last year 3684 people went to a music festival.  
 The number of people who went to the festival this year was  $\frac{2}{3}$  of last year's figure.

How many people went to the festival this year?