

S1 Homework 19

1.
$$\begin{array}{r} 397 \\ + 528 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 543 \\ - 276 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 387 \\ \times 8 \\ \hline \end{array}$$

4.
$$8 \overline{) 784}$$

5 Without a calculator find:-

a) 25% of 156

b) 10% of 564

c) 75% of 232

d) 70% of 456

e) 90% of 789

f) 5% of 678

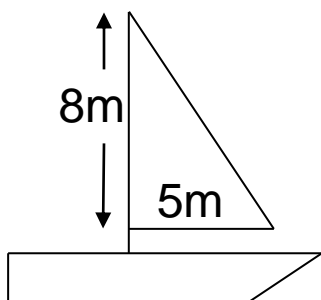
6 Explain how you would use a calculator to find 23% of 78.

7 Write down the largest prime number between 90 and 100.

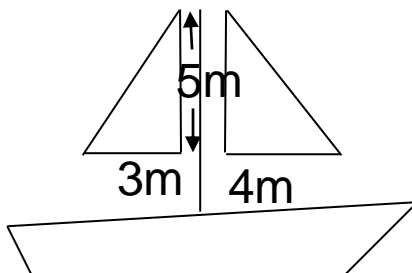
8 Last week Bloggs Motors sold cars worth £50 000. Ian sold two cars worth £12 000 and £17 000. The other salesman, Alec, also sold two cars but they both had the same price. Who sold the most expensive car last week?

Explain your answer fully, showing all your working.

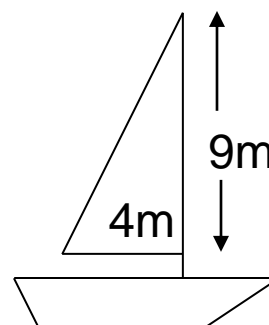
9 At the Sailing Club they are having a race for Class S yachts. The rules say that to be in Class S a boat must have not more than 20m^2 of sail. Should any of the boats below be disqualified?



Boat A



Boat B



Boat C

[JMC 2016 Q4] In January 1859, an eight-year-old boy dropped a newly-hatched eel into a well in Sweden (apparently in order to keep the water free of insects). The eel, named Ale, finally died in August 2014.

How many years old was Ale when it died?