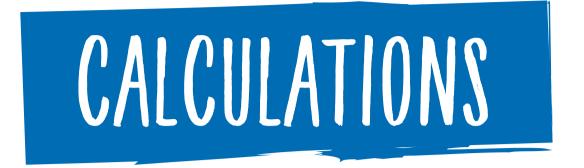
#### Explore L E A R N I N G

# with Bobby Seagul Ages 11-14

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Time yourself answering these mental calculations. Can you get faster each time? Can you beat someone in your house?

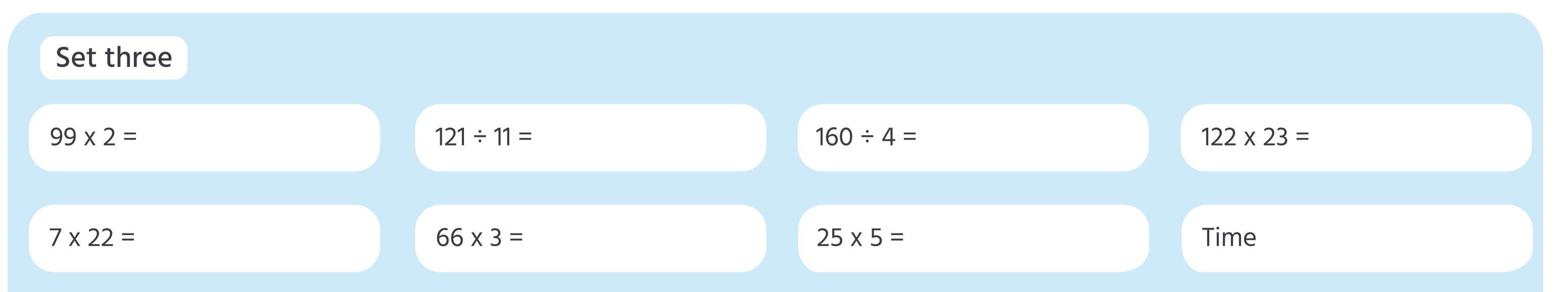
#### Set one

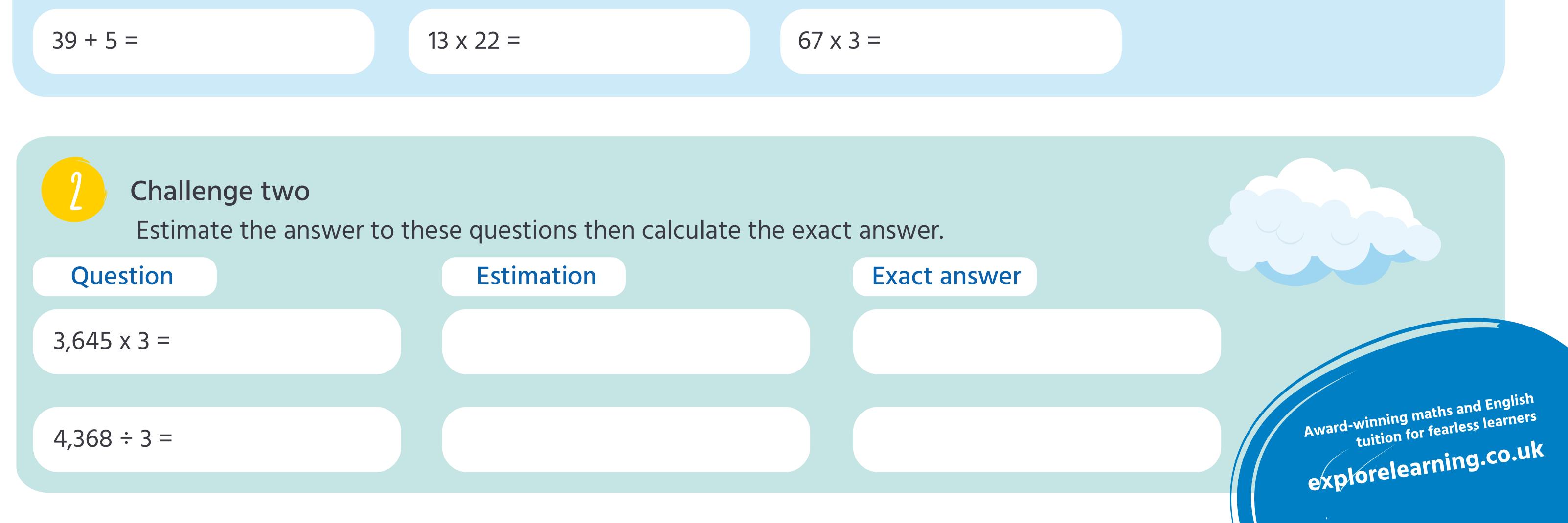


12 x 12 =	44 ÷ 11 =	160 ÷ 4 =	122 - 23 =
22 x 7 =	56 x 3 =	25 x 5 =	Time
19 + 5 =	11 x 22 =	67 x 3 =	



9 x 12 =	88 ÷ 11 =	200 ÷ 4 =	222 - 24 =
27 x 4 =	99 x 3 =	20 x 5 =	Time
29 + 6 =	25 x 12 =	56 x 3 =	





#### Explosere L E A R N I N G

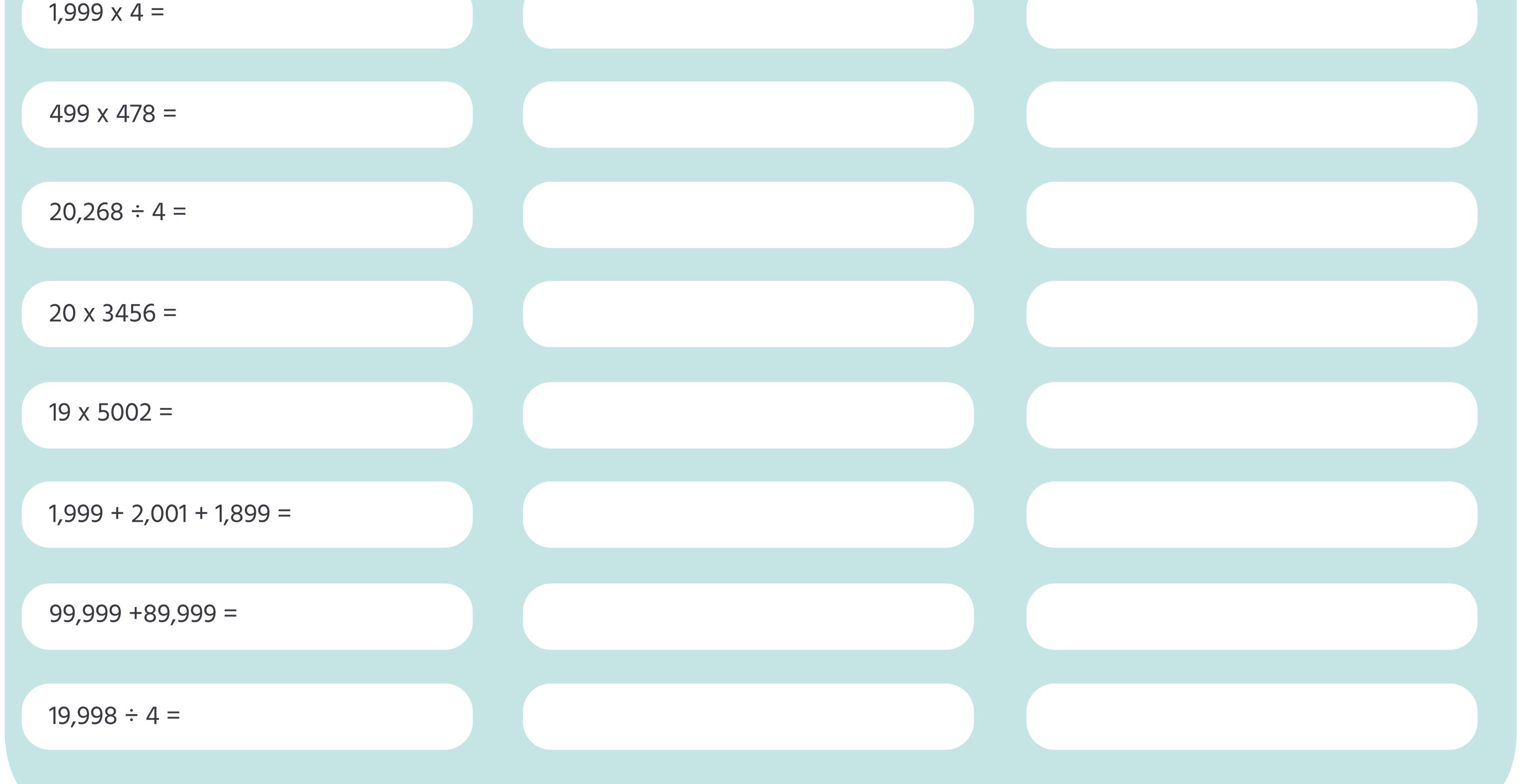
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**Estimation** 

Exact answer





#### Challenge three

Solve the word problems.

1. Lewis cycled 56 miles everyday for 3 years. How many miles did he cover?



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2. A theatre sold out its 280 seats. Half the seats were bought for adults, one quarter for children and one quarter for concessions. How much money did they make?

Ticket prices:

Adults	£22	
Children	£14	
Consessions	£18	

### Explorence LEARNING

## Mid-Morning Mathematical Ages 11-14 with Bobby Seagul

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3. The population of Cardiff is 478,000. If the average ice-cream consumption is 23 per year, how many are consumed in total?

4. 19,456 e-readers had an average of 345 books downloaded. How many books have been downloaded in total?

5. Wimbledon's Centre Court has a capacity of 14,979. If the average price for a ticket is £140, how much would they take from ticket sales?

