

Calculations

Year 7 / S1

Activity 1

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

Set one

$12 \times 12 =$

$44 \div 11 =$

$160 \div 4 =$

$122 - 23 =$

$22 \times 7 =$

$56 \times 3 =$

$25 \times 5 =$

$19 + 5 =$

$11 \times 22 =$

$67 \times 3 =$

Time:

Set one

$9 \times 12 =$

$88 \div 11 =$

$200 \div 4 =$

$222 - 24 =$

$27 \times 4 =$

$99 \times 3 =$

$20 \times 5 =$

$29 + 6 =$

$25 \times 12 =$

$56 \times 3 =$

Time:

Set one

$99 \times 2 =$

$121 \div 11 =$

$160 \div 4 =$

$122 \times 23 =$

$7 \times 22 =$

$66 \times 3 =$

$25 \times 5 =$

$39 + 5 =$

$13 \times 22 =$

$67 \times 3 =$

Time:

Activity 2

Estimate the answer to these questions then calculate the exact answer.

Question

Estimation

Exact Answer

$3,645 \times 3 =$

$4,368 \div 3 =$

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Question	Estimation	Exact Answer
$1,999 \times 4 =$		
$499 \times 478 =$		
$20,268 \div 4 =$		
$20 \times 3,456 =$		
$19 \times 5,002 =$		
$1,999 + 2,001 + 1,899 =$		
$99,999 + 89,999 =$		
$19,998 \div 4 =$		

Activity 3

Solve the word problems.

- 1 Lewis reads 56 pages of a book everyday for 3 years. How many pages does he read?

- 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
Concessions	£18