

Choose A, B or C. A: complete all. B / C: Try to complete at least half of the number questions and all the word problems.

USING PARTITIONING TO MULTIPLY 1

TARGET To multiply 2-digit numbers by one-digit numbers mentally.

Examples $46 \times 3 = 40 \times 3 \text{ plus } 6 \times 3$ $46 \times 3 = (40 \times 3) + (6 \times 3)$
 $= 120 \text{ plus } 18$ or $= 120 + 18$
 $= 138$ $= 138$

A

Copy and complete.

- 1 16×2
 $= 10 \times 2 \text{ plus } 6 \times 2$
 $= \square \text{ plus } \square$
 $= \square$
- 2 23×5
 $= 20 \times 5 \text{ plus } 3 \times 5$
 $= \square \text{ plus } \square$
 $= \square$
- 3 14×3
 $= 10 \times 3 \text{ plus } 4 \times \square$
 $= \square \text{ plus } \square$
 $= \square$
- 4 31×2
 $= 30 \times \square \text{ plus } 1 \times \square$
 $= \square \text{ plus } \square$
 $= \square$
- 5 15×5
 $= \square \times 5 \text{ plus } \square \times 5$
 $= \square \text{ plus } \square$
 $= \square$
- 6 32×4
 $= \square \times \square \text{ plus } \square \times \square$
 $= \square \text{ plus } \square$
 $= \square$

B

Work out

- 1 27×2
- 2 55×4
- 3 38×5
- 4 13×8
- 5 41×3
- 6 26×4
- 7 19×2
- 8 52×8
- 9 49×5
- 10 35×2
- 11 63×3
- 12 24×8
- 13 18×3
- 14 44×2
- 15 37×4
- 16 56×5

- 17 There are 36 stamps in one book. How many stamps are there in five books?
- 18 Cathie's book has double the number of pages of Jessie's book. Jessie's book has 87 pages. How many pages does Cathie's book have?

- 19 Each packet has 8 screws. How many screws are there in 42 packets?
- 20 A lorry travels 59 miles on Monday and four times further on Tuesday. How far does it travel on Tuesday?

C

Work out

- 1 65×5
- 2 34×4
- 3 82×2
- 4 58×8
- 5 29×3
- 6 46×8
- 7 94×5
- 8 17×3
- 9 93×4
- 10 74×2
- 11 57×5
- 12 85×8
- 13 48×4
- 14 72×3
- 15 96×2
- 16 67×8

- 17 How much is sixty-four £5 notes?
- 18 There are 54 adults and three times as many children at a cinema. How many children are watching the film?
- 19 Drinks cost 79p each. What do 4 drinks cost?
- 20 One bar of soap weighs 95 g. What is the total weight of eight bars?



Answers

5 900	10 70	15 7000	20 4000
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A			
1 32	3 42	5 75	
2 115	4 62	6 128	
B			
1 54	6 104	11 189	16 280
2 220	7 38	12 192	17 180
3 190	8 416	13 54	18 174
4 104	9 245	14 88	19 336
5 123	10 70	15 148	20 236 miles
C			
1 325	6 368	11 285	16 536
2 136	7 470	12 680	17 £320
3 164	8 51	13 192	18 162
4 464	9 372	14 216	19 £3.16
5 87	10 148	15 192	20 760 g
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