

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

## MULTIPLYING MULTIPLES OF 10/100

40

**TARGET** To use place value and known  $\times/\div$  facts to multiply multiples of 10/100.

**Examples**

$20 \times 6 = 120$

$200 \times 6 = 1200$

$20 \times 60 = 1200$

$5 \times 70 = 350$

$5 \times 700 = 3500$

$50 \times 70 = 3500$

### A

Copy and complete.

1  $4 \times 2 = \square$

$40 \times 2 = \square$

2  $3 \times 5 = \square$

$30 \times 5 = \square$

3  $6 \times 3 = \square$

$6 \times 30 = \square$

4  $7 \times 4 = \square$

$7 \times 40 = \square$

Work out

5  $30 \times 3$     13  $5 \times 20$

6  $70 \times 2$     14  $8 \times 50$

7  $20 \times 8$     15  $9 \times 40$

8  $50 \times 4$     16  $4 \times 80$

9  $60 \times 5$     17  $2 \times 30$

10  $40 \times 4$     18  $8 \times 20$

11  $90 \times 3$     19  $6 \times 80$

12  $30 \times 8$     20  $5 \times 50$

- 21 There are 30 children in each class. How many children are there in four classes altogether?

### B

Work out

1  $200 \times 4$     9  $50 \times 30$

2  $500 \times 6$     10  $20 \times 70$

3  $400 \times 7$     11  $80 \times 80$

4  $600 \times 2$     12  $30 \times 90$

5  $5 \times 800$     13  $80 \times 40$

6  $3 \times 900$     14  $40 \times 60$

7  $9 \times 500$     15  $70 \times 90$

8  $7 \times 600$     16  $60 \times 70$

- 17 There is 700 ml of juice in a bottle and three times as much in a jug. How much juice is in the jug?

- 18 Rosita saves 50p coins. How much has she saved if she has forty coins?

- 19 How many seconds is 90 minutes?

- 20 Beethoven eats 500 g of dog food every day. How much does he eat in a week?



### C

Work out

1  $3000 \times 7$     9  $20 \times 60$

2  $2000 \times 5$     10  $300 \times 40$

3  $5 \times 9000$     11  $700 \times 8$

4  $6 \times 6000$     12  $90 \times 200$

5  $900 \times 80$     13  $7 \times 5000$

6  $700 \times 70$     14  $800 \times 6$

7  $80 \times 300$     15  $600 \times 90$

8  $20 \times 900$     16  $90 \times 70$

- 17 There are 400 passengers on a plane. Each seat costs £60. How much has the airline taken in ticket sales?

- 18 A factory makes 6000 clothes pegs every day. How many pegs does it make in three days?

- 19 Each bottle holds 900 ml of lemonade. How much lemonade is needed to fill 80 bottles? Give your answer in litres.

- 20 Packets of crisps weigh 40 g. What is the weight of 500 packets in kilograms?

Answers

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**A**

- |                  |               |               |               |
|------------------|---------------|---------------|---------------|
| <b>1</b> 8, 80   | <b>7</b> 160  | <b>13</b> 100 | <b>19</b> 480 |
| <b>2</b> 15, 150 | <b>8</b> 200  | <b>14</b> 400 | <b>20</b> 250 |
| <b>3</b> 18, 180 | <b>9</b> 300  | <b>15</b> 360 | <b>21</b> 120 |
| <b>4</b> 28, 280 | <b>10</b> 160 | <b>16</b> 320 |               |
| <b>5</b> 90      | <b>11</b> 270 | <b>17</b> 60  |               |
| <b>6</b> 140     | <b>12</b> 240 | <b>18</b> 160 |               |

**B**

- |               |                |                                |
|---------------|----------------|--------------------------------|
| <b>1</b> 800  | <b>8</b> 4200  | <b>15</b> 6300                 |
| <b>2</b> 3000 | <b>9</b> 1500  | <b>16</b> 4200                 |
| <b>3</b> 2800 | <b>10</b> 1400 | <b>17</b> 2100 ml (2.1 litres) |
| <b>4</b> 1200 | <b>11</b> 6400 | <b>18</b> £20 (2000p)          |
| <b>5</b> 4000 | <b>12</b> 2700 | <b>19</b> 5400                 |
| <b>6</b> 2700 | <b>13</b> 3200 | <b>20</b> 3500 g (3.5 kg)      |
| <b>7</b> 4500 | <b>14</b> 2400 |                                |

**C**

- |                |                 |                     |
|----------------|-----------------|---------------------|
| <b>1</b> 21000 | <b>8</b> 18000  | <b>15</b> 54000     |
| <b>2</b> 10000 | <b>9</b> 1200   | <b>16</b> 6300      |
| <b>3</b> 45000 | <b>10</b> 12000 | <b>17</b> £24000    |
| <b>4</b> 36000 | <b>11</b> 5600  | <b>18</b> 18000     |
| <b>5</b> 72000 | <b>12</b> 18000 | <b>19</b> 72 litres |
| <b>6</b> 49000 | <b>13</b> 35000 | <b>20</b> 20 kg     |
| <b>7</b> 24000 | <b>14</b> 4800  |                     |

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**A**

- |                |              |              |              |
|----------------|--------------|--------------|--------------|
| <b>1</b> 3, 30 | <b>7</b> 20  | <b>13</b> 30 | <b>19</b> 70 |
| <b>2</b> 4, 40 | <b>8</b> 50  | <b>14</b> 9  | <b>20</b> 40 |
| <b>3</b> 5, 50 | <b>9</b> 70  | <b>15</b> 80 | <b>21</b> 30 |
| <b>4</b> 6, 60 | <b>10</b> 40 | <b>16</b> 20 |              |