Multiplying by 10, 100 and 1000

To multiply whole numbers by 10, 100 and 1000.

1. Complete these sentences by choosing words from the box below.
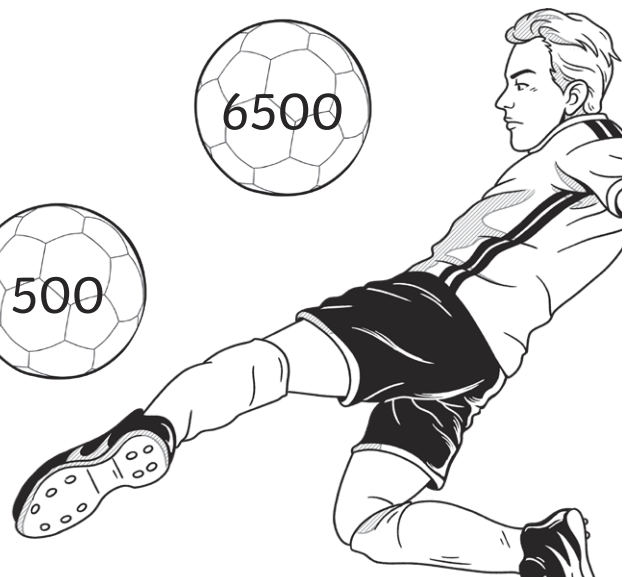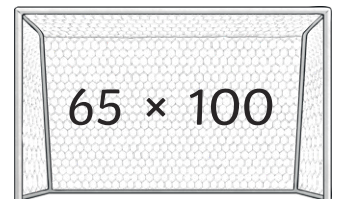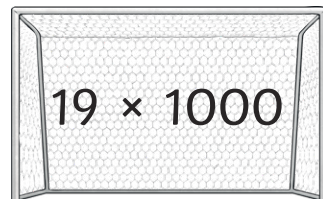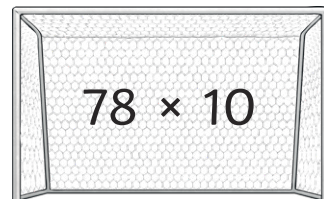   You can use a word more than once if necessary.

To multiply by 10, we move each digit _____ place to the _____.

To multiply by 100, we move each digit _____ places to the _____.

To multiply by 1000, we move each digit _____ places to the _____.

one	along	three	right
four	left	two	more

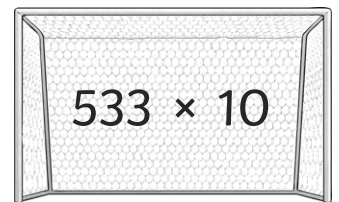2. Colour the matching goals and footballs. Use a different colour for each pair.
   Use your place value grid to help you if you need to.

| 88 × 100 | 5 × 100 | 193 × 10 | 533 × 10 |
| 5 × 1000 | 78 × 10 | 19 × 1000 | 65 × 100 |

5330   5000   6500

1930

8800   500

19 000   780

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Maths | Multiplication and Division | Multiplying and Dividing by 10, 100 and 1000 | Lesson 1 of 3: Multiplying by 10, 100 and 1000

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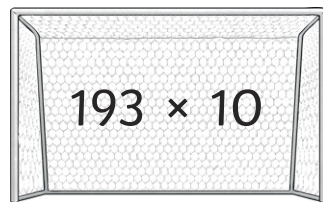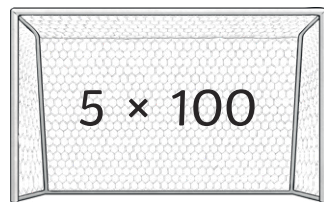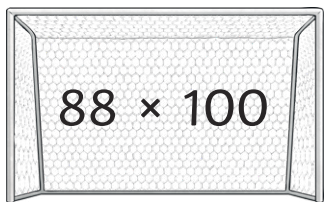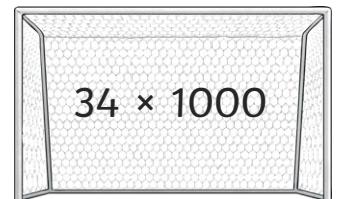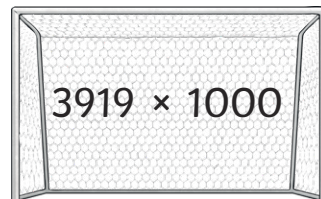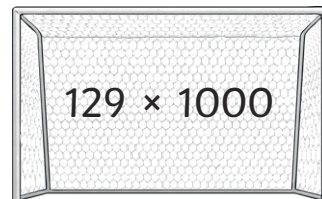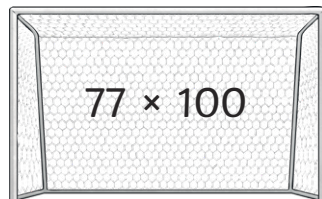   You can use a word more than once if necessary.

To multiply by 10, we move each digit _____ place to the _____.

To multiply by 100, we move each digit _____ places to the _____.

To multiply by 1000, we move each digit _____ places to the _____.

one	along	three	right
four	left	two	more

2. Colour the matching goals and footballs. Use a different colour for each pair.
   Use your place value grid to help you if you need to.

| 892 × 100 | 954 × 10 | 2150 × 10 | 123 × 100 |

| 77 × 100 | 129 × 1000 | 3919 × 1000 | 34 × 1000 |

129 000

89 200

3 919 000

21 500

12 300

7700

32 000

9540

Multiplying by 10, 100 and 1000

To multiply whole numbers by 10, 100 and 1000.

1. Complete the sentences.

To multiply by 10, we move each digit _____ place to the _____.
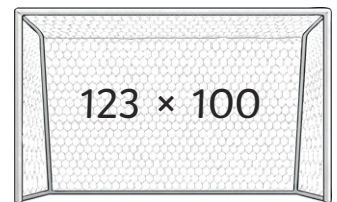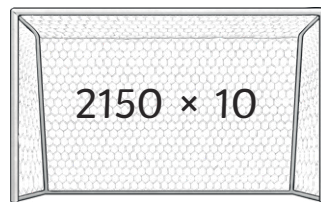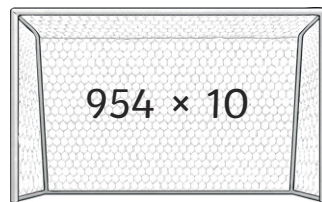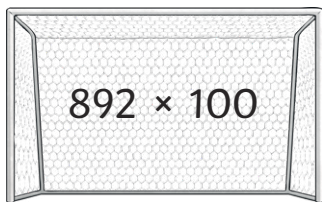
To multiply by 100, we move each digit _____ places to the _____.

To multiply by 1000, we move each digit _____ places to the _____.

2. Colour the matching goals and footballs. Use a different colour for each pair.
   Use your place value grid to help you if you need to.

192 × 10	189 194 × 10	1093 × 10	1810 × 1000
803 × 100	38 × 1000	28 908 × 100	1902 × 100

2 890 800

10 930

129 000

1 891 940

38 000

1920

1 810 000

80 300

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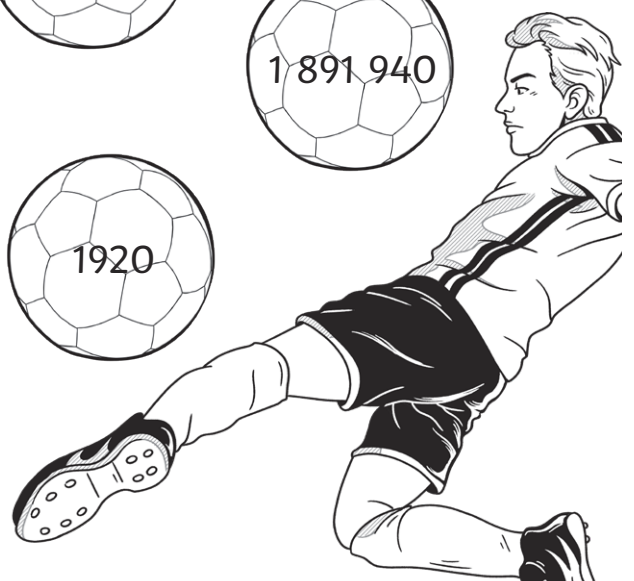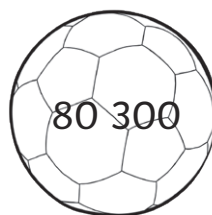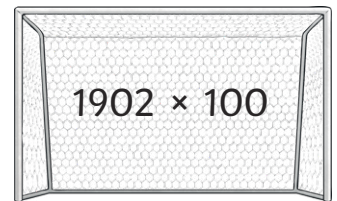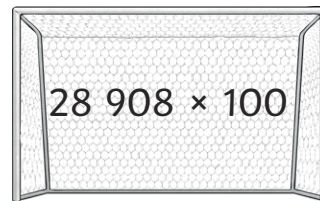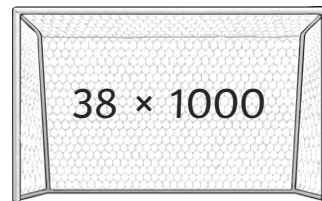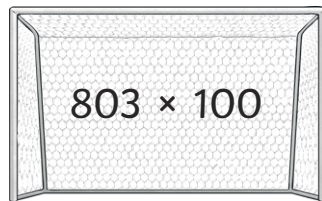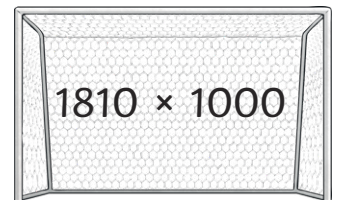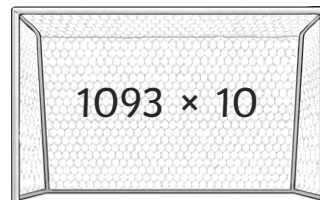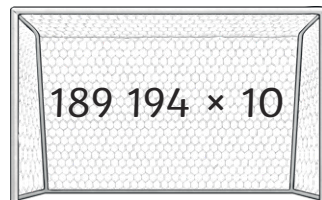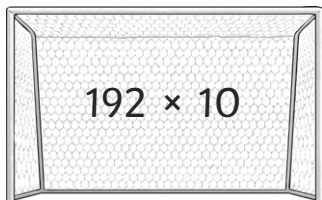
Multiplying 10, 100 and 1000 **Answers**

1. Complete these sentences by choosing words from the box below.
   You can use a word more than once if necessary.

   To multiply by 10, we move each digit _____**one**_____ place to the _____**left**_____.

   To multiply by 100, we move each digit _____**two**_____ places to the _____**left**_____.

   To multiply by 1000, we move each digit _____**three**_____ places to the _____**left**_____.

2. Colour the matching goals and footballs. Use a different colour for each pair.
   Use your place value grid to help you if you need to.

   5 × 100 = 500

   78 × 10 = 780

   193 × 10 = 1930

   88 × 100 = 8800

   5 × 1000 = 5000

   533 × 10 = 5330

   19 × 1000 = 19 000

   65 × 100 = 6500

Multiplying 10, 100 and 1000 **Answers**

2. Colour the matching goals and footballs. Use a different colour for each pair.
   Use your place value grid to help you if you need to.

To multiply by 10, we move each digit ____**one**____ place to the ____**left**____.

To multiply by 100, we move each digit ____**two**____ places to the ____**left**____.

To multiply by 1000, we move each digit ____**three**____ places to the ____**left**____.

---

2. Colour the matching goals and footballs. Use a different colour for each pair.
   Use your place value grid to help you if you need to.

892 × 100 = 89 200

34 × 1000 = 34 000

954 × 10 = 9540

123 × 100 = 12 300

3919 × 1000 = 3 919 000

77 × 100 = 7700

2150 × 10 = 21 500

129 × 1000 = 129 000

Multiplying 10, 100 and 1000 **Answers**

1. Complete the sentences.

To multiply by 10, we move each digit _____**one**_____ place to the _____**left**_____.

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803 × 100 = 80 300

1093 × 10 = 10 930

1810 × 1000 = 1 810 000

38 × 1000 = 38 000

1902 × 100 = 190 200

192 × 10 = 1920

28 908 × 100 = 2 890 800

189 194 × 10 = 1 891 940