

LO: To multiply decimals by an integer.

Adorable Challenge

1. Copy out and complete these questions:

$1.3 \times 5 =$

$6.2 \times 3 =$

$7.4 \times 2 =$

$3.8 \times 4 =$

$5.2 \times 4 =$

$8.1 \times 3 =$

2. True or False?

$1.8 \times 4 = 6.2$

$5.6 \times 3 = 16.8$

$4.3 \times 2 = 8.3$

3. Use $<$, $>$ or $=$ to complete the statements below:

$2.9 \times 5 \underline{\hspace{1cm}} 14.5$

$16.6 \underline{\hspace{1cm}} 8.4 \times 2$

$3.4 \times 3 \underline{\hspace{1cm}} 9.2$

4. Which is the odd one out in each row? Explain your reasoning.

5.3×3

6.8×2

3.4×4

4.4×4

8.8×2

9.1×2

5. Select and arrange the cards to create a correct multiplication calculation. Which cards are not needed in each set?

5.2	4.1	20.5
5	21.5	4
<input type="text"/>	\times	<input type="text"/>
<input type="text"/>	$=$	<input type="text"/>

6.3	7.3	21.9
3	24.9	4
<input type="text"/>	\times	<input type="text"/>
<input type="text"/>	$=$	<input type="text"/>

6. Mr Chen asked the children to complete the following calculations. What mistake has each child made? What are the correct answers?

$7.2 \times 4 =$



The product is 11.2

$3.3 \times 5 =$



The product is 15.3

Majestic Challenge

1. Copy out and complete these questions:

$1.52 \times 7 =$

$8.38 \times 2 =$

$5.44 \times 9 =$

$6.82 \times 3 =$

$3.97 \times 5 =$

$6.28 \times 4 =$

2. True or False?

$4.86 \times 6 = 29.61$

$2.59 \times 7 = 19.13$

$7.28 \times 8 = 58.28$

3. Use $<$, $>$ or $=$ to complete the statements below:

$7.16 \times 4 \quad \underline{\hspace{1cm}} \quad 28.64$

$36.31 \quad \underline{\hspace{1cm}} \quad 3.92 \times 8$

$9.26 \times 3 \quad \underline{\hspace{1cm}} \quad 28.78$

4. Which is the odd one out in each row? Explain your reasoning.

6.36×4

4.88×6

3.18×8

2.78×8

3.93×7

5.56×4

5. Select and arrange the cards to create a correct multiplication calculation. Which cards are not needed in each set?

7.29	6	8.28	5
35.65	7.31	8	36.55
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>

32.21	5.85	6	8
8.43	5	46.71	50.58
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>

6. Mr Smith asked the children to complete the following calculations. What mistake has each child made? What are the correct answers?

$5.47 \times 6 =$



The product is 30.47

$6.91 \times 7 =$



The product is 48.73

Radiant Challenge

1. Copy out and complete these questions:

$7.046 \times 8 =$

$9.187 \times 6 =$

$8.902 \times 7 =$

$6.549 \times 9 =$

$5.724 \times 8 =$

$8.043 \times 6 =$

2. True or False?

$6.024 \times 8 = 48.092$

$9.407 \times 5 = 47.305$

$7.807 \times 7 = 53.649$

3. Use $<$, $>$ or $=$ to complete the statements below:

$4.856 \times 9 \underline{\hspace{1cm}} 43.074$

$47.409 \underline{\hspace{1cm}} 7.902 \times 6$

$3.713 \times 8 \underline{\hspace{1cm}} 29.074$

4. Which is the odd one out in each row? Explain your reasoning.

$8.058 \times 3 =$

$6.043 \times 8 =$

$4.029 \times 6 =$

$5.031 \times 7 =$

$9.502 \times 4 =$

$4.751 \times 8 =$

5. Select and arrange the cards to create a correct multiplication calculation. Which cards are not needed in each set?

53.468	7.706	8	7.607
68.463	9	6.706	69.534
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>

57.762	6.084	7	6.804
54.756	47.268	6.408	9
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>

6. Mr Smith asked the children to complete the following calculations. What mistake has each child made? What are the correct answers?

$5.097 \times 7 =$



The product is 35.079

$4.002 \times 8 =$



The product is 32.16