

3.OA.B.5 Multiplying Three Factors

3.OA.B.5: Apply properties of operations as strategies to multiply and divide.

Find the product of the following then write another way to group the factors.

	Product	Another Way
1. $(4 \times 1) \times 2$	_____	_____
2. $5 \times (3 \times 4)$	_____	_____
3. $(4 \times 4) \times 6$	_____	_____
4. $9 \times (1 \times 8)$	_____	_____
5. $(8 \times 2) \times 3$	_____	_____

Find the missing factors.

6. $2 \times (\underline{\quad} \times 1) = 12$

7. $7 \times (2 \times \underline{\quad}) = 42$

8. $(5 \times \underline{\quad}) \times 3 = 60$

9. $(7 \times 4) \times \underline{\quad} = 56$

Find the product.

10. $3 \times 4 \times 2 = \underline{\quad}$

11. $8 \times 2 \times 2 = \underline{\quad}$

12. $9 \times 1 \times 5 = \underline{\quad}$

13. $5 \times 7 \times 1 = \underline{\quad}$

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Answer Key

3.OA.B.5: Apply properties of operations as strategies to multiply and divide.

Find the product of the following then write another way to group the factors.

	Product	Another Way
1. $(4 \times 1) \times 2$	<u>8</u>	<u>$4 \times (1 \times 2)$</u>
2. $5 \times (3 \times 4)$	<u>60</u>	<u>$(5 \times 3) \times 4$</u>
3. $(4 \times 4) \times 6$	<u>96</u>	<u>$4 \times (4 \times 6)$</u>
4. $9 \times (1 \times 8)$	<u>72</u>	<u>$(9 \times 1) \times 8$</u>
5. $(8 \times 2) \times 3$	<u>48</u>	<u>$8 \times (2 \times 3)$</u>

Find the missing factors.

6. $2 \times (\underline{6} \times 1) = 12$

7. $7 \times (2 \times \underline{3}) = 42$

8. $(5 \times \underline{4}) \times 3 = 60$

9. $(7 \times 4) \times \underline{2} = 56$

Find the product.

10. $3 \times 4 \times 2 = \underline{24}$

11. $8 \times 2 \times 2 = \underline{32}$

12. $9 \times 1 \times 5 = \underline{45}$

13. $5 \times 7 \times 1 = \underline{35}$