

3.OA.D.9 Basic Facts and Patterns

3.OA.D.9: Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations.

Complete each pattern below.

1. $30 \div 2 = \underline{\hspace{2cm}}$ $300 \div 2 = \underline{\hspace{2cm}}$ $3,000 \div 2 = \underline{\hspace{2cm}}$	2. $20 \div 5 = \underline{\hspace{2cm}}$ $200 \div 5 = \underline{\hspace{2cm}}$ $2,000 \div 5 = \underline{\hspace{2cm}}$	3. $70 \div 35 = \underline{\hspace{2cm}}$ $700 \div 35 = \underline{\hspace{2cm}}$ $7,000 \div 35 = \underline{\hspace{2cm}}$
4. $80 \div 4 = \underline{\hspace{2cm}}$ $800 \div 4 = \underline{\hspace{2cm}}$ $8,000 \div 4 = \underline{\hspace{2cm}}$	5. $60 \div 2 = \underline{\hspace{2cm}}$ $600 \div 2 = \underline{\hspace{2cm}}$ $6,000 \div 2 = \underline{\hspace{2cm}}$	6. $90 \div 3 = \underline{\hspace{2cm}}$ $900 \div 3 = \underline{\hspace{2cm}}$ $9,000 \div 3 = \underline{\hspace{2cm}}$

Choose the correct answer. Write the letter of your choice on the space provided.

7. Which basic division fact can be used to find $2,500 \div 5$? _____
 a. $20 \div 5 = 4$ b. $25 \div 5 = 5$ c. $50 \div 5 = 10$
8. Which basic division fact can be used to find $800 \div 4$? _____
 a. $8 \div 4 = 2$ b. $8 \div 2 = 4$ c. $80 \div 2 = 40$
9. Which basic division fact can be used to find $2,800 \div 7$? _____
 a. $28 \div 4 = 7$ b. $28 \div 2 = 14$ c. $28 \div 7 = 4$

3.OA.D.9: Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations.

Complete each pattern below.

<p>1.</p> <p>$30 \div 2 = \underline{15}$</p> <p>$300 \div 2 = \underline{150}$</p> <p>$3,000 \div 2 = \underline{1,500}$</p>	<p>2.</p> <p>$20 \div 5 = \underline{4}$</p> <p>$200 \div 5 = \underline{40}$</p> <p>$2,000 \div 5 = \underline{400}$</p>	<p>3.</p> <p>$70 \div 35 = \underline{2}$</p> <p>$700 \div 35 = \underline{20}$</p> <p>$7,000 \div 35 = \underline{200}$</p>
<p>4.</p> <p>$80 \div 4 = \underline{20}$</p> <p>$800 \div 4 = \underline{200}$</p> <p>$8,000 \div 4 = \underline{2,000}$</p>	<p>5.</p> <p>$60 \div 2 = \underline{30}$</p> <p>$600 \div 2 = \underline{300}$</p> <p>$6,000 \div 2 = \underline{3,000}$</p>	<p>6.</p> <p>$90 \div 3 = \underline{30}$</p> <p>$900 \div 3 = \underline{300}$</p> <p>$9,000 \div 3 = \underline{3,000}$</p>

Choose the correct answer. Write the letter of your choice on the space provided.

7. Which basic division fact can be used to find $2,500 \div 5$? b.
- a. $20 \div 5 = 4$ b. $25 \div 5 = 5$ c. $50 \div 5 = 10$
8. Which basic division fact can be used to find $800 \div 4$? a.
- a. $8 \div 4 = 2$ b. $8 \div 2 = 4$ c. $80 \div 2 = 40$
9. Which basic division fact can be used to find $2,800 \div 7$? c.
- a. $28 \div 4 = 7$ b. $28 \div 2 = 14$ c. $28 \div 7 = 4$