

Q2 (Inverse Algebra) Day 84 Name: _____

1. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$65 \div \mathbf{b} = 5 \qquad \mathbf{b} = \underline{\hspace{2cm}}$$

$$\mathbf{c} \times 7 = 28 \qquad \mathbf{c} = \underline{\hspace{2cm}}$$

2. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$99 \div \mathbf{b} = 9 \qquad \mathbf{b} = \underline{\hspace{2cm}}$$

$$\mathbf{c} \times 6 = 48 \qquad \mathbf{c} = \underline{\hspace{2cm}}$$

3. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$\mathbf{b} - 3 = 6 \qquad \mathbf{b} = \underline{\hspace{2cm}}$$

$$9 \times \mathbf{c} = 72 \qquad \mathbf{c} = \underline{\hspace{2cm}}$$

4. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$56 \div \mathbf{b} = 7 \qquad \mathbf{b} = \underline{\hspace{2cm}}$$

$$\mathbf{c} - 12 = 3 \qquad \mathbf{c} = \underline{\hspace{2cm}}$$

5. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$\mathbf{b} \div 5 = 5$$

$$\mathbf{b} = \underline{\hspace{2cm}}$$

$$4 \times \mathbf{c} = 24$$

$$\mathbf{c} = \underline{\hspace{2cm}}$$

6. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$42 \div \mathbf{b} = 7$$

$$\mathbf{b} = \underline{\hspace{2cm}}$$

$$\mathbf{c} \times 12 = 60$$

$$\mathbf{c} = \underline{\hspace{2cm}}$$

7. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$\mathbf{b} - 3 = 17$$

$$\mathbf{b} = \underline{\hspace{2cm}}$$

$$7 \times \mathbf{c} = 21$$

$$\mathbf{c} = \underline{\hspace{2cm}}$$

8. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$\mathbf{b} \div 4 = 7$$

$$\mathbf{b} = \underline{\hspace{2cm}}$$

$$41 - \mathbf{c} = 20$$

$$\mathbf{c} = \underline{\hspace{2cm}}$$

9. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$65 \div \mathbf{b} = 5 \qquad \mathbf{b} = \underline{\hspace{2cm}}$$

$$\mathbf{c} \times 8 = 48 \qquad \mathbf{c} = \underline{\hspace{2cm}}$$

10. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$\mathbf{b} \div 3 = 10 \qquad \mathbf{b} = \underline{\hspace{2cm}}$$

$$3 \times \mathbf{c} = 96 \qquad \mathbf{c} = \underline{\hspace{2cm}}$$

11. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$132 - \mathbf{b} = 95 \qquad \mathbf{b} = \underline{\hspace{2cm}}$$

$$\mathbf{c} \times 6 = 246 \qquad \mathbf{c} = \underline{\hspace{2cm}}$$

12. What are the values of **b** and **c** in the calculations below? Write your answers in the spaces provided.

$$\mathbf{b} \div 12 = 25 \qquad \mathbf{b} = \underline{\hspace{2cm}}$$

$$279 - \mathbf{c} = 36 \qquad \mathbf{c} = \underline{\hspace{2cm}}$$

Answers

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|---------------|-----------|
| 1. $b = 13$ | $c = 4$ |
| 2. $b = 11$ | $c = 8$ |
| 3. $b = 9$ | $c = 8$ |
| 4. $b = 8$ | $c = 15$ |
| 5. $b = 25$ | $c = 6$ |
| 6. $b = 6$ | $c = 5$ |
| 7. $b = 20$ | $c = 3$ |
| 8. $b = 28$ | $c = 21$ |
| 9. $b = 13$ | $c = 6$ |
| 10. $b = 30$ | $c = 32$ |
| 11. $b = 37$ | $c = 41$ |
| 12. $b = 300$ | $c = 243$ |