

3.OA.A.4

DETERMINE UNKNOWN WHOLE NUMBER

TASK CARDS



ANSWER SHEET	
Card#	Answer
1.	
2.	
3.	
4.	
5.	
6.	
7.	

17 UNKNOWN WHOLE NUMBER

All these equations are missing the same number. What number is it?

$$1 \div ? = 1$$
$$2 \div ? = 2$$
$$3 \div ? = 3$$
$$4 \div ? = 4$$
$$5 \div ? = 5$$
$$6 \div ? = 6$$

0
1
2

18 UNKNOWN WHOLE NUMBER

All these equations are missing the same number. What number is it?

$$5 \div ? = 1$$
$$10 \div ? = 2$$
$$15 \div ? = 3$$
$$20 \div ? = 4$$
$$25 \div ? = 5$$
$$30 \div ? = 6$$

5
4
24

UNKNOWN WHOLE NUMBER

Determine the unknown number in the

$?$ \div $4 =$

19 UNKNOWN WHOLE NUMBER

All these equations are missing the same number. What number is it?

20 UNKNOWN WHOLE NUMBER

All these equations are missing the same number. What number is it?

25 UNKNOWN WHOLE NUMBER

What equations can be completed by changing the $?$ to 1?

A. $7 \times ? = 14$ B. $9 \div ? = 3$

C. $8 \div ? = 8$ D. $? \div 4 = 1$

BONUS QUESTION

Jonathan was thinking of a number. He multiplied that number by 4, and got 32 as his answer. What number was Jonathan thinking of?

Determine Unknown Whole Number

DETERMINE UNKNOWN NUMBER CHALLENGE

Jonathan was thinking of a number. He multiplied that number by 4 and got 32 as his answer. What number was Jonathan thinking of?



PRINTABLE AND DIGITAL

- 30 PRINT-AND-GO TASK CARDS
- READY TO USE FOR CENTERS

ANSWER SHEET

Name: _____ Date: _____

Card#	Answer	Card#	Answer
1.		16.	
2.		17.	
3.		18.	
		19.	
		20.	
		21.	
		22.	
		23.	
		24.	
		25.	
		26.	
		27.	
		28.	



5 UNKNOWN WHOLE NUMBER

Determine the unknown number in the equation.

$$9 \times 4 = ?$$

13 24 36

7 UNKNOWN WHOLE NUMBER

Determine the unknown number in the equation.

$$10 \div 2 = ?$$

3 4 5

6 UNKNOWN WHOLE NUMBER

Determine the unknown number in the equation.

$$? \div 4 = 4$$

16 18 1

8 UNKNOWN WHOLE NUMBER

Determine the unknown number in the equation.

$$50 \div ? = 5$$

13 10 7

25 UNKNOWN WHOLE NUMBER

What equations can be completed by changing the ? to 1?

A. $7 \times ? = 14$ B. $9 \times ? = 27$
 C. $8 + ? = 8$ D. $? \times 2 = 2$

26 UNKNOWN WHOLE NUMBER

What equations can be completed by changing the ? to 3?

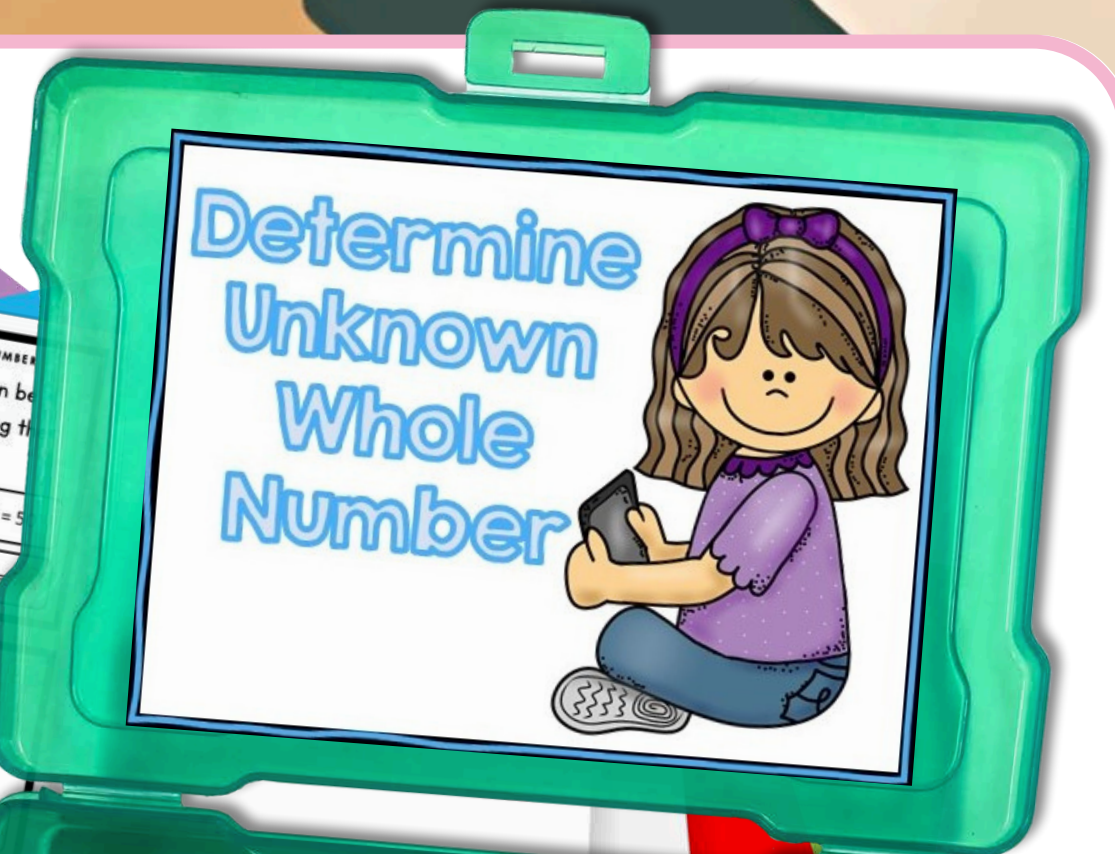
A. $? + 1 = 3$ B. $? \times 5 = 5$
 C. $9 \times ? = 27$ D. $28 + 4 = ?$

27 UNKNOWN WHOLE NUMBER

What equations can be completed by changing the ? to 2?

28 UNKNOWN WHOLE NUMBER

What equations can be completed by changing the ? to 1?



Ways to Use Task Cards

- Centers
- Scout: Pass out one card for each student. Set a timer and say, "scout!" when the timer goes off. Students move seats to the next card. They continue to rotate until they are back at their original seat.
- Scavenger Hunt: Hide cards around the room. Students search for cards and answer them.
- Jenga: Number Jenga blocks. Students stack the blocks, then take turns pulling blocks. Students answer the corresponding number card.
- Whole class practice: Teacher displays card on the projector. Students answer on mini white boards.
- Exit Tickets: Give each student a task card at the end of the lesson. Have them answer on a sticky note.



SELF CORRECTING, INCLUDES REPORTING CERTIFICATE

9 UNKNOWN WHOLE NUMBER
Determine the unknown number in the equation.

$$9 \div 3 = ?$$

1 UNKNOWN WHOLE NUMBER
Determine the unknown number in the equation.

2 UNKNOWN WHOLE NUMBER
Determine the unknown number in the equation.

$$? \times 8 = 24$$

INCORRECT

The correct answer is $9 \times 2 = 18$ and $9 \times 3 = 27$.

CONTINUE

$\times 3 = 27$ $\times 2 = 14$

UNKNOWN WHOLE NUMBER
Determine the unknown number in the equation.

$$? \times ? = 30$$


SHUFFLES CARDS, SO STUDENTS CAN PRACTICE MORE THAN ONCE

5 UNKNOWN WHOLE NUMBER
What equations can be completed by changing the ? to 1?

26 UNKNOWN WHOLE NUMBER
What equations can be completed by changing the ? to 1?

ANSWER SHEET

Name: _____

Card#	Answer	Card
1.		
2.		
3.		
4.		

10 stars (1 green, 2 red, 7 grey)

🔊 All these equations are missing the same number. What number is it?

$1 \div ? = 1$
 $2 \div ? = 2$
 $3 \div ? = 3$
 $4 \div ? = 4$
 $5 \div ? = 5$
 $6 \div ? = 6$

0
1
2

15. $49 \div ? = 0$ 2 $18 \div ? = 6$

UNKNOWN WHOLE NUMBER
Equations are missing the same number. What number is it?

5
4
24

UNKNOWN WHOLE NUMBER
Determine the unknown number in the equation.

$4 = 4$

DETERMINE UNKNOWN CHALLENGE

Jonathan was thinking of a number. He multiplied that number by 4, and got the same answer as his answer. What number was Jonathan thinking of?



STANDARDS ALIGNED

6 UNKNOWN WHOLE NUMBER

Determine the unknown number in the equation.

$$? \div 4 = 4$$

16 18 1

28 UNKNOWN WHOLE NUMBER

What equations can be completed by changing the ? to 10?

A. $9 \times ? = 90$ B. $? \div 2 = 5$

C. $5 \times ? = 20$ D. $7 \div 7 = ?$

3 UNKNOWN WHOLE NUMBER

Determine the unknown number in the equation.

$$10 \times 4 = ?$$

30 40 50

11 UNKNOWN WHOLE NUMBER

All these equations are missing the same number. What number is it?

1 * ? = 0 26

2 * ? = 0 8

3 * ? = 0 0

4 * ? = 0

5 * ? = 0

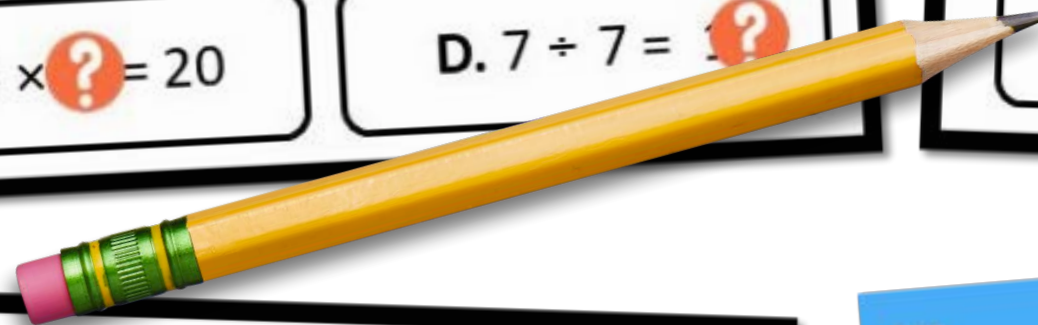
6 * ? = 0

7 UNKNOWN WHOLE NUMBER

Determine the unknown number in the equation.

$$10 \div 2 = ?$$

3 4



USE OVER AND OVER FOR CENTERS, GAMES, AND REVIEW



28

UNKNOWN WHOLE NUMBER
What equations can be completed by changing the ? to 10?

DETERMINE UNKNOWN NUMBER
CHALLENGE



13

UNKNOWN WHOLE NUMBER
All these equations are missing the same number. What number is it?

$1 \times ? = 3$

4

14

UNKNOWN WHOLE NUMBER
All these equations are missing the same number. What number is it?

- $1 \times ? = 5$
- $2 \times ? = 10$
- $3 \times ? = 15$
- $4 \times ? = 20$
- $5 \times ? = 25$
- $6 \times ? = 30$

- 4
- 5
- 6

of a number. He y 4, and got 32 umber was y of?



ANSWER SHEET

Name: _____ Date: _____

Card#	Answer	Card#
		16.
		17.
3.		18.
4.		19.
5.		2.
6.		
7.		
8.		

ANSWER SHEET

Date: _____
Answer _____

21

UNKNOWN WHOLE NUMBER
What equations can be completed by changing the ? to 4?

- A. $7 \times ? = 28$
- B. $? \times 3 = 12$
- C. $8 \div ? = 4$
- D. $7 \times 2 = 1?$

22

UNKNOWN WHOLE NUMBER
What equations can be completed by changing the ? to 5?

- A. $? \div 1 = 5$
- B. $10 \times 4 = ?$
- C. $9 \times ? = 54$
- D. $25 \div 5 = ?$

16

UNKNOWN WHOLE NUMBER
All these equations are missing the same number. What number is it?

- $100 \div ? = 50$
- $90 \div ? = 45$
- $80 \div ? = 40$
- $70 \div ? = 35$
- $60 \div ? = 30$
- $50 \div ? = 25$

- 0
- 1
- 2

OLE NUMBER
rs can be anging the



UNKNOWN WHOLE N
Determine the un
number in the ec

$? \div 4$

- 16
- 18

23

UNKNOWN WHOLE NUMBER
What equations can be completed by changing the ? to 6?

- A. $? \div 4 = 2$
- B. $7 \times ? = 42$
- C. $? \times 4 = 24$
- D. $45 \div 9 = ?$

24

UNKNOWN WHOLE NUMBER
What equa
completed b
?

- A. $? \times 4 = 36$
- B. $? \div 4 = 9$
- C. $5 \times ? = 40$
- D. $70 \div 10 = ?$

9

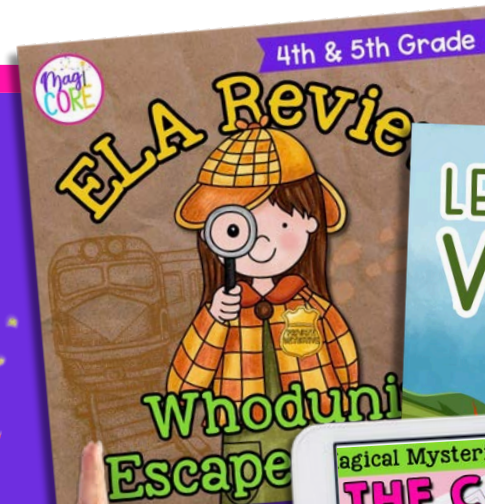
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