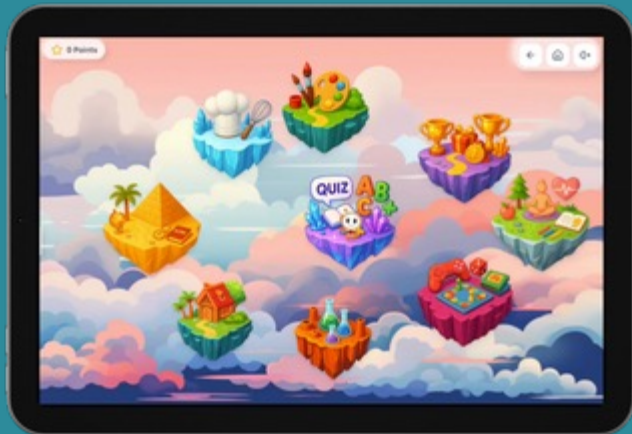


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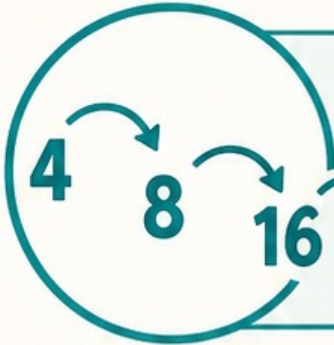


Times Tables 8x - Year 4

Table of Contents	
Presentation: Times Tables 8x - Year 4	
Displays: Strategy Toolkit & Reference Cards	
Multiplication & Division Connections Mat	
Games: Capture, Connect & Make Four	
Triple-Double Strategy Worksheet	
Pattern Detective Worksheet	
Arrays & Fact Families Worksheet	
Roll & Solve Multiplication	
Roll & Solve Division	
Product Path & Reasoning Problems	
Quiz: Times Tables 8x - Year 4	
Assessment: 8x Checkpoints	
Rubric: Times Tables 8x — Year 4 Rubric	

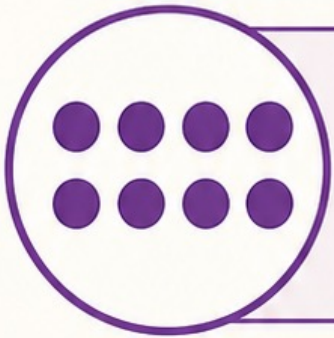


8x STRATEGY TOOLKIT



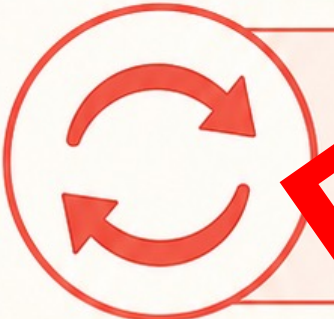
DOUBLE THREE TIMES

$$4 \rightarrow 8 \rightarrow 16 \rightarrow 32$$



USE A KNOWN FACT

$$8 \times 6 = (8 \times 5) + 8 = 48$$



TURN IT AROUND

$$8 \times 7 = 7 \times 8 = 56$$



SPOT THE PATTERN

8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96



CHECK WITH DIVISION

$$56 \div 8 = 7$$

Choose the strategy that helps you think clearly.

8x MULTIPLICATION & DIVISION REFERENCE CARDS

8x FACTS: 1-6



$$\begin{array}{l} 8 \times 1 = 8 \\ 8 \times 2 = 16 \\ 8 \times 3 = 24 \\ 8 \times 4 = 32 \\ 8 \times 5 = 40 \\ 8 \times 6 = 48 \end{array}$$

8x FACTS: 7-12



$$\begin{array}{l} 8 \times 7 = 56 \\ 8 \times 8 = 64 \\ 8 \times 9 = 72 \\ 8 \times 10 = 80 \\ 8 \times 11 = 88 \\ 8 \times 12 = 96 \end{array}$$

DIVIDE BY 8: 1-6



$$\begin{array}{l} 8 \div 8 = 1 \\ 16 \div 8 = 2 \\ 24 \div 8 = 3 \\ 32 \div 8 = 4 \\ 40 \div 8 = 5 \\ 48 \div 8 = 6 \end{array}$$

DIVIDE BY 8: 7-12

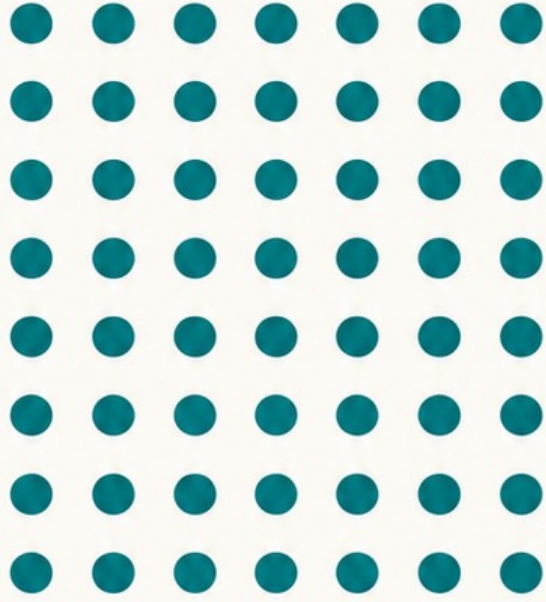


$$\begin{array}{l} 56 \div 8 = 7 \\ 64 \div 8 = 8 \\ 72 \div 8 = 9 \\ 80 \div 8 = 10 \\ 88 \div 8 = 11 \\ 96 \div 8 = 12 \end{array}$$

MULTIPLICATION & DIVISION CONNECTIONS

ARRAY

7 rows of 8 make 56



FACT FAMILY



CONNECTED FACTS

$$8 \times 7 = 56$$

$$7 \times 8 = 56$$

$$56 \div 8 = 7$$

$$56 \div 7 = 8$$

STRATEGY REMINDERS

x2

Double three times

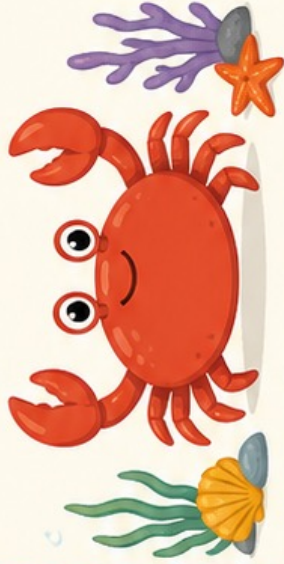


Use a known fact



Turn it around

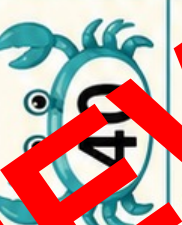
CAPTURE THE PRODUCTS



You need: 2 counters per player and 12 factor cards.

HOW TO PLAY

1. Cut out and shuffle the factor cards.
2. Turn over one factor.
3. Multiply the factor by 8.
4. Cover one matching product.
5. First player to cover four products in a row wins.

 16	 40	 72	 96	 24	 8
 56	 64	 32	 16	 88	 48
 72	 96	 8	 64	 40	 80
 32	 80	 56	 48	 72	 16
 24	 48	 88	 80	 32	 64
 8	 24	 40	 56	 96	 88

1

7

2

8

3

9

4

10

5

11

6

12

CONNECT THE PATH

HOW TO PLAY

1. Roll a die and move.
2. Solve the fact on your space.
3. Correct? Stay. Try again? Move back one.
4. First player to reach FINISH wins.



MAKE FOUR MULTIPLES

You need: 2 dice and counters in two colours.

HOW TO PLAY

1. Roll both dice.
2. Add the dice.
3. Multiply the sum by 8.
4. Cover one matching product.
5. First player to cover four in a row wins.



START

16	56	32	80	40	96
64	24	72	48	88	32
40	96	16	56	64	80
88	48	24	72	32	56
80	40	64	16	96	48
24	72	56	88	40	64

FINISH

TRIPLE-DOUBLE STRATEGY

Name: _____

Double the starting number three times. Then use the chain to solve each 8x fact.



A. BUILD THE CHAINS

1. $3 \rightarrow$ _____ $\rightarrow$ _____ $\rightarrow$ _____

2. $5 \rightarrow$ _____ $\rightarrow$ _____ $\rightarrow$ _____

3. $7 \rightarrow$ _____ $\rightarrow$ _____ $\rightarrow$ _____

4. $11 \rightarrow$ _____ $\rightarrow$ _____ $\rightarrow$ _____

B. USE THE STRATEGY

5. $8 \times 4 =$ _____

6. $8 \times 6 =$ _____

7. $8 \times 9 =$ _____

8. $8 \times 12 =$ _____

C. EXPLAIN YOUR THINKING

9. How does doubling 7 three times help you solve 8×7 ?

10. Circle the fact you would solve first: 8×5 8×11

Why? _____

TRIPLE-DOUBLE STRATEGY

Name: ANSWERS

Double the starting number three times. Then use the chain to solve each 8x fact.



A. BUILD THE CHAINS

1. $3 \rightarrow \underline{6} \rightarrow \underline{12} \rightarrow \underline{24}$

2. $5 \rightarrow \underline{10} \rightarrow \underline{20} \rightarrow \underline{40}$

3. $7 \rightarrow \underline{14} \rightarrow \underline{28} \rightarrow \underline{56}$

4. $11 \rightarrow \underline{22} \rightarrow \underline{44} \rightarrow \underline{88}$

B. USE THE STRATEGY

5. $8 \times 4 = \underline{32}$

6. $8 \times 6 = \underline{48}$

7. $8 \times 9 = \underline{72}$

8. $8 \times 12 = \underline{96}$

C. EXPLAIN YOUR THINKING

9. How does doubling 7 three times help you solve 8×7 ?

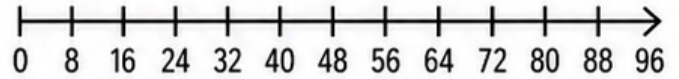
Double 7 to 14, double 14 to 28, then double 28 to 56, so $8 \times 7 = 56$.

10. Circle the fact you would solve first: 8×5 8×11

Why? It is a known fact and can help solve nearby facts.



PATTERN DETECTIVE: THE 8s



Name: _____

Use the patterns in the 8 times table to complete each task.

A. COMPLETE THE MULTIPLES

8, 16, _____, 32, _____, 48, _____, 64, _____, 80, _____, 96

B. ONES-DIGIT CYCLE

Write the ones digit for each multiple.

8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96

Ones digits: _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____, _____

C. FIND THE MISSING FACTOR

1. $8 \times \underline{\hspace{2cm}} = 24$

2. $\underline{\hspace{2cm}} \times 8 = 40$

3. $8 \times \underline{\hspace{2cm}} = 72$

4. $\underline{\hspace{2cm}} \times 8 = 88$

D. EXPLAIN THE PATTERN

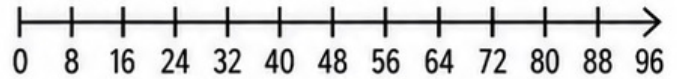
What happens to the ones digits after every five facts?



PATTERN DETECTIVE: THE 8s

Name: _____

ANSWERS



Use the patterns in the 8 times table to complete each task.

A. COMPLETE THE MULTIPLES

8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96

B. ONES-DIGIT CYCLE

Write the ones digit for each multiple.

8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96

Ones digits: 8, 6, 4, 2, 0, 8, 6, 4, 2, 0, 8, 6

C. FIND THE MISSING FACTOR

1. $8 \times \underline{3} = 24$

2. $\underline{5} \times 8 = 40$

3. $8 \times \underline{9} = 72$

4. $\underline{11} \times 8 = 88$

D. EXPLAIN THE PATTERN

What happens to the ones digits after every five facts?

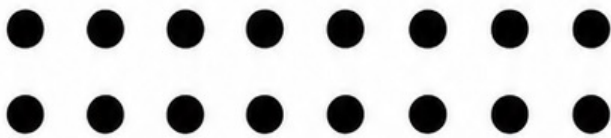
The ones-digit pattern repeats 8, 6, 4, 2, 0 after every five facts.

ARRAYS & FACT FAMILIES

Name: _____

For each array, write two multiplication facts and two division facts.

A. 2 rows of 8



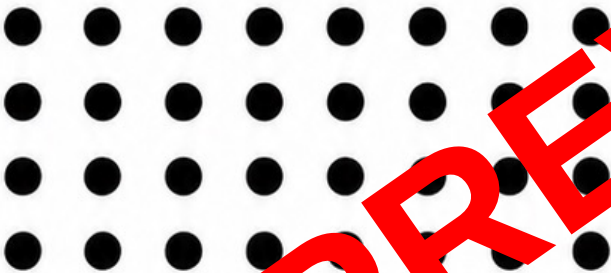
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

B. 4 rows of 8



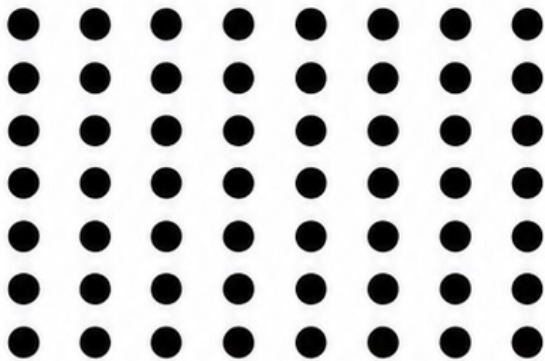
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

C. 7 rows of 8



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

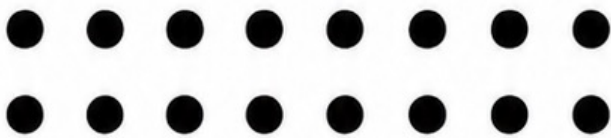
What stays the same in every fact family? _____

ARRAYS & FACT FAMILIES

Name: ANSWERS

For each array, write two multiplication facts and two division facts.

A. 2 rows of 8



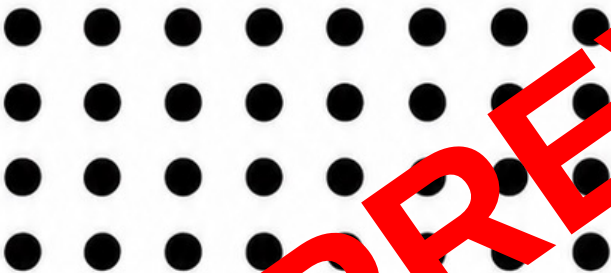
$$\underline{2} \times \underline{8} = \underline{16}$$

$$\underline{8} \times \underline{2} = \underline{16}$$

$$\underline{16} \div \underline{2} = \underline{8}$$

$$\underline{16} \div \underline{8} = \underline{2}$$

B. 4 rows of 8



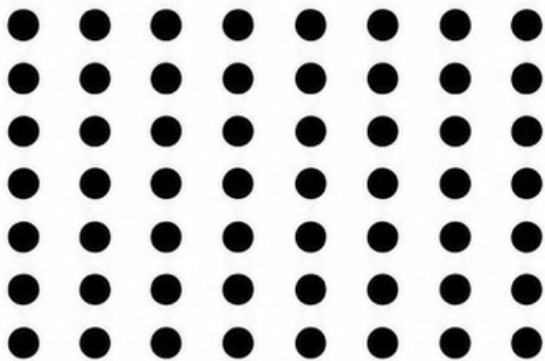
$$\underline{4} \times \underline{8} = \underline{32}$$

$$\underline{8} \times \underline{4} = \underline{32}$$

$$\underline{32} \div \underline{4} = \underline{8}$$

$$\underline{32} \div \underline{8} = \underline{4}$$

C. 7 rows of 8



$$\underline{7} \times \underline{8} = \underline{56}$$

$$\underline{8} \times \underline{7} = \underline{56}$$

$$\underline{56} \div \underline{7} = \underline{8}$$

$$\underline{56} \div \underline{8} = \underline{7}$$

What stays the same in every fact family? _____

The same three numbers appear in all four facts.

ROLL & SOLVE: MULTIPLICATION

Name: _____

Use the roll key. For each round, write the matching fact and solve it.

ROLL KEY					
1	2	3	4	5	6
8×2	8×4	8×5	8×7	8×9	8×12

ROUND	ROLL	FACT	ANSWER
1	3		
2	6		
3	2		
4	5		
5	1		
6	4		
7	6		
8	3		
9	5		
10	2		
11	4		
12	1		

Which fact was easiest for you? Why? _____

ROLL & SOLVE: MULTIPLICATION

ANSWERS

Use the roll key. For each round, write the matching fact and solve it.

ROLL KEY

1 8×2	2 8×4	3 8×5	4 8×7	5 8×9	6 8×12
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	---------------------------

ROUND	ROLL	FACT	ANSWER
1	3	8×5	40
2	6	8×12	96
3	2	8×4	32
4	5	8×9	72
5	1	8×2	16
6	4	8×7	56
7	6	8×12	96
8	3	8×5	40
9	5	8×9	72
10	2	8×4	32
11	4	8×7	56
12	1	8×2	16

Which fact was easiest for you? Why? 8×5 ; I know $5 \times 8 = 40$.

ROLL & SOLVE: DIVISION

Name: _____

Use the roll key. For each round, write the matching fact and solve it.

ROLL KEY					
1	2	3	4	5	6
$16 \div 8$	$32 \div 8$	$40 \div 8$	$56 \div 8$	$72 \div 8$	$96 \div 8$

ROUND	ROLL	FACT	ANSWER
1	4		
2	2		
3	6		
4	1		
5	5		
6	3		
7	2		
8	6		
9	4		
10	3		
11	1		
12	5		

How did multiplication facts help you divide? _____

ROLL & SOLVE: DIVISION

Name: **ANSWERS**

Use the roll key. For each round, write the matching fact and solve it.

ROLL KEY					
1	2	3	4	5	6
$16 \div 8$	$32 \div 8$	$40 \div 8$	$56 \div 8$	$72 \div 8$	$96 \div 8$

ROUND	ROLL	FACT	ANSWER
1	4	$56 \div 8$	7
2	2	$32 \div 8$	4
3	6	$96 \div 8$	12
4	1	$16 \div 8$	2
5	5	$72 \div 8$	9
6	3	$40 \div 8$	5
7	2	$32 \div 8$	4
8	6	$96 \div 8$	12
9	4	$56 \div 8$	7
10	3	$40 \div 8$	5
11	1	$16 \div 8$	2
12	5	$72 \div 8$	9

How did multiplication facts help you divide? Each division fact undoes a matching multiplication fact.

PRODUCT PATH PUZZLE

Name: _____

Start at 8. Move up, down, left or right through the multiples of 8 in order. Finish at 96.

8 START	16	3	5	7	9
11	24	32	40	48	13
15	17	19	21	56	23
25	27	29	31	64	72
33	35	37	96 FINISH	88	80
39	41	43	45	47	49

Write the products on your path:

- | | |
|----------|-----------|
| 1. _____ | 7. _____ |
| 2. _____ | 8. _____ |
| 3. _____ | 9. _____ |
| 4. _____ | 10. _____ |
| 5. _____ | 11. _____ |
| 6. _____ | 12. _____ |

What is the difference between each pair of neighbouring products? _____

PRODUCT PATH PUZZLE

Name: ANSWERS

Start at 8. Move up, down, left or right through the multiples of 8 in order. Finish at 96.

8 START	16	3	5	7	9
11	24	32	40	48	13
15	17	19	21	56	23
25	27	29	31	64	72
33	35	37	96 FINISH	88	80
39	41	43	45	47	49

Write the products on your path:

- 8
- 16
- 24
- 32
- 40
- 48

- 56
- 64
- 72
- 80
- 88
- 96

What is the difference between each pair of neighbouring products? 8

8× REASONING & WORD PROBLEMS

Name: _____

Show your thinking. Write an equation and an answer for each problem.

1. Four packs hold 8 pencils each. How many pencils are there?

2. Six octopuses each have 8 arms. How many arms altogether?

3. A hall has 9 rows of 8 chairs. How many chairs are there?

4. 64 stickers are shared equally among 8 students. How many stickers does each student receive?

5. Seven bags hold 8 marbles each. Five marbles are given away. How many remain?

6. Ava says $8 \times 6 = 42$. Explain her error and give the correct product.

7. Do 8×5 and 10×4 have the same product? Prove your answer.

8. Find the missing factor and explain: $8 \times \square = 96$.

PREVIEW

8× REASONING & WORD PROBLEMS

ANSWERS

Show your thinking. Write an equation and an answer for each problem.

1. Four packs hold 8 pencils each. How many pencils are there?

$4 \times 8 = 32$ pencils.

2. Six octopuses each have 8 arms. How many arms altogether?

$6 \times 8 = 48$ arms.

3. A hall has 9 rows of 8 chairs. How many chairs are there?

$9 \times 8 = 72$ chairs.

4. 64 stickers are shared equally among 8 students. How many stickers does each student receive?

$64 \div 8 = 8$ stickers.

5. Seven bags hold 8 marbles each. Five marbles are given away. How many remain?

$7 \times 8 - 5 = 51$ marbles.

6. Ava says $8 \times 6 = 42$. Explain her error and give the correct product.

42 is not a multiple of 8. The correct fact is $8 \times 6 = 48$.

7. Do 8×5 and 10×4 have the same product? Prove your answer.

Yes. $8 \times 5 = 40$ and $10 \times 4 = 40$.

8. Find the missing factor and explain: $8 \times \square = 96$.

The missing factor is 12 because $8 \times 12 = 96$.

8× CHECKPOINT A: FACT FLUENCY

Name: _____

Date: _____

Score: ____ / 20

A. SOLVE — 8 marks

1. $8 \times 2 = \underline{\quad}$

5. $8 \times 6 = \underline{\quad}$

2. $8 \times 3 = \underline{\quad}$

6. $8 \times 7 = \underline{\quad}$

3. $8 \times 4 = \underline{\quad}$

7. $8 \times 8 = \underline{\quad}$

4. $8 \times 5 = \underline{\quad}$

8. $8 \times 9 = \underline{\quad}$

B. FIND THE MISSING NUMBER — 4 marks

9. $8 \times \square = 80$

10. $\square \times 8 = 96$

11. $8 \times \square = 32$

12. $\square \times 8 = 56$

C. DIVIDE — 4 marks

13. $24 \div 8 = \underline{\quad}$

14. $40 \div 8 = \underline{\quad}$

15. $64 \div 8 = \underline{\quad}$

16. $88 \div 8 = \underline{\quad}$

D. APPLY — 4 marks

17. Six trays hold 8 muffins each. How many muffins are there? Show an equation. 2 marks

18. 72 cards are shared equally among 8 groups. How many cards are in each group? Show an equation. 2 marks

8× CHECKPOINT A: FACT FLUENCY

Name: ANSWERS

Date: _____

Score: ____ / 20

A. SOLVE — 8 marks

1. $8 \times 2 = \underline{16}$

5. $8 \times 6 = \underline{48}$

2. $8 \times 3 = \underline{24}$

6. $8 \times 7 = \underline{56}$

3. $8 \times 4 = \underline{32}$

7. $8 \times 8 = \underline{64}$

4. $8 \times 5 = \underline{40}$

8. $8 \times 9 = \underline{72}$

B. FIND THE MISSING NUMBER — 4 marks

9. $8 \times \boxed{10} = 80$

10. $\boxed{12} \times 8 = 96$

11. $8 \times \boxed{4} = 32$

12. $\boxed{7} \times 8 = 56$

C. DIVIDE — 4 marks

13. $24 \div 8 = \underline{3}$

14. $40 \div 8 = \underline{5}$

15. $64 \div 8 = \underline{8}$

16. $88 \div 8 = \underline{11}$

D. APPLY — 4 marks

17. Six trays hold 8 muffins each. How many muffins are there? Show an equation. 2 marks

$6 \times 8 = 48$ muffins.

18. 72 cards are shared equally among 8 groups. How many cards are in each group? Show an equation. 2 marks

$72 \div 8 = 9$ cards in each group.

8× CHECKPOINT B: STRATEGIES & REASONING

Name: _____

Date: _____

Score: ____ / 20

A. MIXED FACTS — 6 marks

1. $8 \times 10 =$ _____

4. $80 \div 8 =$ _____

2. $8 \times 11 =$ _____

5. $56 \div 8 =$ _____

3. $8 \times 12 =$ _____

6. $48 \div 8 =$ _____

B. COMPLETE THE PATTERN — 6 marks

8, _____, 24, _____, 40, _____, 56, _____, 72, _____, 88, _____

C. SHOW A STRATEGY — 6 marks

7. Triple-double 6 to solve 8×6 . Show the chain. 2 marks

8. Use $4 \times 8 = 32$ to solve 5×8 . Explain. 2 marks

9. Use a turnaround fact to solve 8×9 . 2 marks

D. REASONING — 2 marks

10. There are 8 teams with 7 students in each team. Two students are absent. How many students are present? Show your thinking. 2 marks

8× CHECKPOINT B: STRATEGIES & REASONING

ANSWERS _____ Date: _____ Score: ____ / 20

A. MIXED FACTS — 6 marks

1. $8 \times 10 = \underline{80}$

4. $80 \div 8 = \underline{10}$

2. $8 \times 11 = \underline{88}$

5. $56 \div 8 = \underline{7}$

3. $8 \times 12 = \underline{96}$

6. $48 \div 8 = \underline{6}$

B. COMPLETE THE PATTERN — 6 marks

8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96

C. SHOW A STRATEGY — 6 marks

7. Triple-double 6 to solve 8×6 . Show the chain. 2 marks

$6 \rightarrow 12 \rightarrow 24 \rightarrow 48$, so $8 \times 6 = 48$.

8. Use $4 \times 8 = 32$ to solve 5×8 . Explain. 2 marks

$32 + 8 = 40$, so $5 \times 8 = 40$.

9. Use a turnaround fact to solve 8×9 . 2 marks

$9 \times 8 = 72$, so $8 \times 9 = 72$.

D. REASONING — 2 marks

10. There are 8 teams with 7 students in each team. Two students are absent. How many students are present? Show your thinking. 2 marks

$8 \times 7 = 56$; $56 - 2 = 54$ students.

TIMES TABLES 8x — YEAR 4 RUBRIC

Student: _____ Date: _____

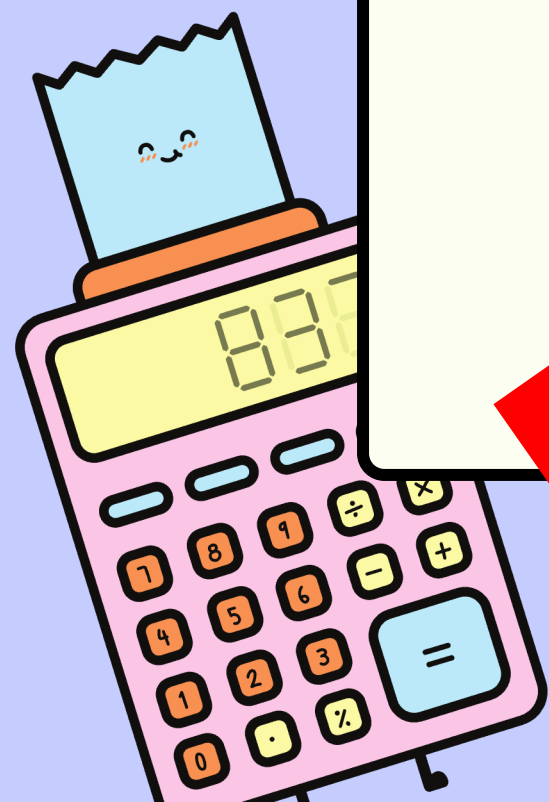
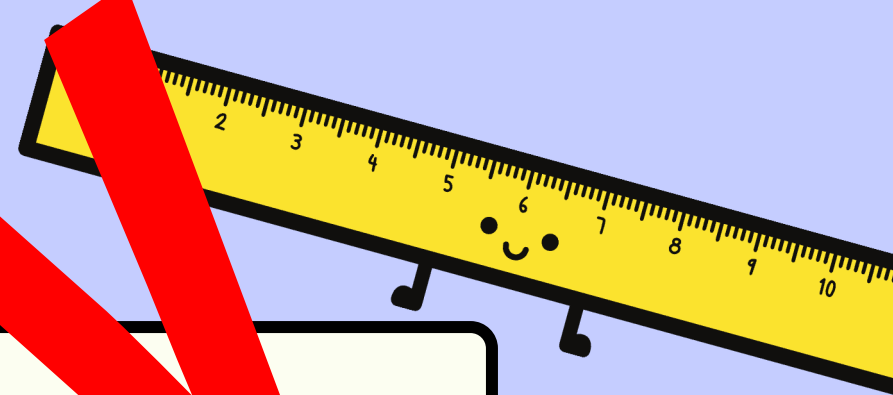
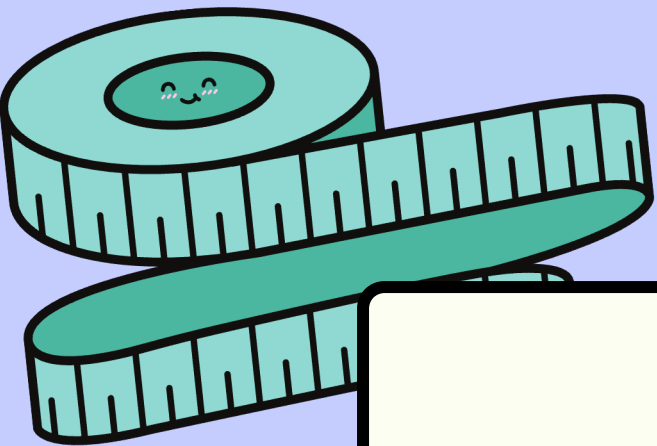
CRITERION	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
FACT RECALL	Needs support to recall facts.	Recalls some facts with prompts.	Accurately recalls 8x facts to 12.	Recalls facts fluently and checks.	Applies facts flexibly in new contexts.
STRATEGY USE	Needs a model to begin.	Uses one strategy with support.	Selects a suitable strategy.	Explains and compares strategies.	Creates efficient strategy links.
PATTERNS	Notices isolated multiples.	Describes a simple pattern.	Explains the times-digit cycle.	Uses patterns to predict and check.	Generalises patterns and justifies.
INVERSE RELATIONSHIP	Needs support to link operations.	Completes facts with prompts.	Completes multiplication and division facts.	Uses inverse facts to verify.	Reasons flexibly across fact families.
REASONING	Gives an answer only.	Shows partial working.	Explains working with equations.	Justifies and evaluates a solution.	Builds clear proofs and alternatives.

Overall judgement: Beginning / Developing / Achieving / Confident / Exceeding

Teacher comment: _____

Times Tables 8x

PREVIEW



Learning Intention

Recall, explain and apply the $\times$ times table using efficient strategies.



One Connected Family

$$8 \times 7 = 56 \cdot 7 \times 8 = 56 \cdot 56 \div 7 = 8 \cdot 56 \div 8 = 7$$



Meet the Multiples

8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96

PREVIEW



Strategy 1: Triple-Double

Double a number three times, multiplying it by 8.



Example: 8×4

$4 \rightarrow 8 \rightarrow 16 \rightarrow 32$ so $4 \times 4 = 16$.



Your Turn: 8

Start with 7 and double three times. What product do you get?



Check It

$7 \rightarrow 14 \rightarrow 28 \rightarrow 56$ so $\times 7$ is.



Strategy 2: Use a Known Fact

Start with $5 \times 8 = 40$, then add or subtract groups of 8.



Nearby Facts

$$6 \times 8 = 40 + 8 = 48 \quad \bullet \quad 8 \times 6 = 40 + 8 = 48 \quad \bullet \quad 4 \times 8 = 40 + 8 = 48 \quad \bullet \quad 8 \times 4 = 40 + 8 = 48$$



Your Turn: 8

Use $5 \times 8 = 40$. What multiplication problem can you find?



Check It

Add one more group of 8. $40 + 8 = 48$.



Strategy 3: Turn It Around

8×9 and 9×8 have the same product.



Turnaround Pairs

$$8 \times 3 = 3 \times 8 = 24 \quad \bullet \quad 8 \times 11 = 11 \times 8 = 88$$



Spot the Ones-Digit Pattern

The cycle is 8, 6, 4, 2, — then it repeats.



Complete the Cycle

8, 16, 24, 32, 40, 48, 56, 64, __, __, __, __



Check It

The missing multiples are 72, 80, and 96.



Arrays Show Groups

Four rows of eight dots represent $4 \times 8 = 32$.



Read an Array Four Ways

$$4 \times 8 = 32 \quad \bullet \quad 8 \times 4 = 32 \quad \bullet \quad 32 \div 4 = 8 \quad \bullet \quad 32 \div 8 = 4$$



Division Undoes Multiplication

If $8 \times 7 = 56$, then $56 \div 8 = 7$



Build a Fact Family

Use 8, 7 and 56 to write two multiplication and two division facts.



Your Turn: 8, 9 and 12

Write the complete fact family using the three numbers.



Check It

$$8 \times 9 = 72 \quad \bullet \quad 9 \times 8 = 72 \quad \bullet \quad 72 \div 8 = 9 \quad \bullet \quad 72 \div 9 = 8$$



Mixed Challenge

Solve: $8 \times 12 \div 64 \div 8$ $8 \times 12 =$ 7×8



Answers

96 • 8 • • •



Explain Your Strategy

Which strategy would you choose for 21, and why?

PREVIEW

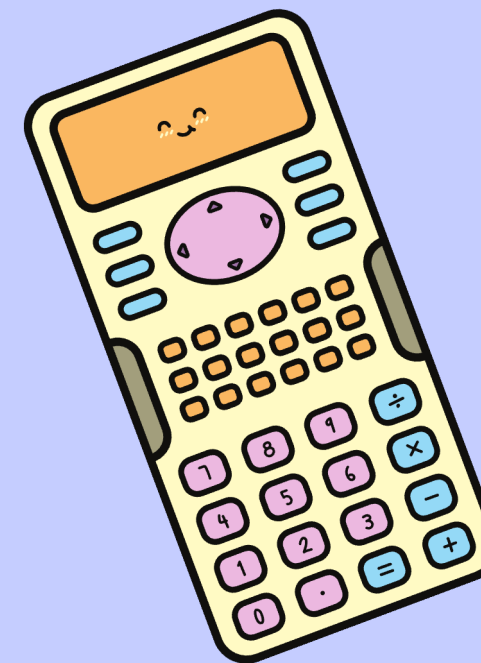
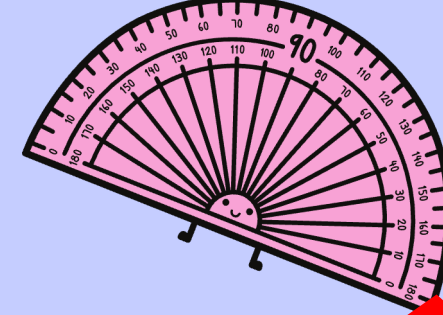
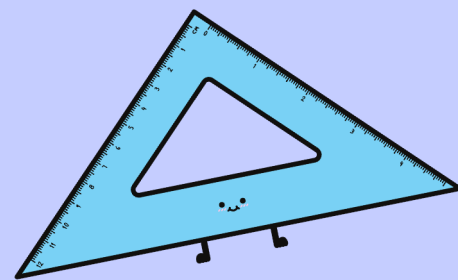
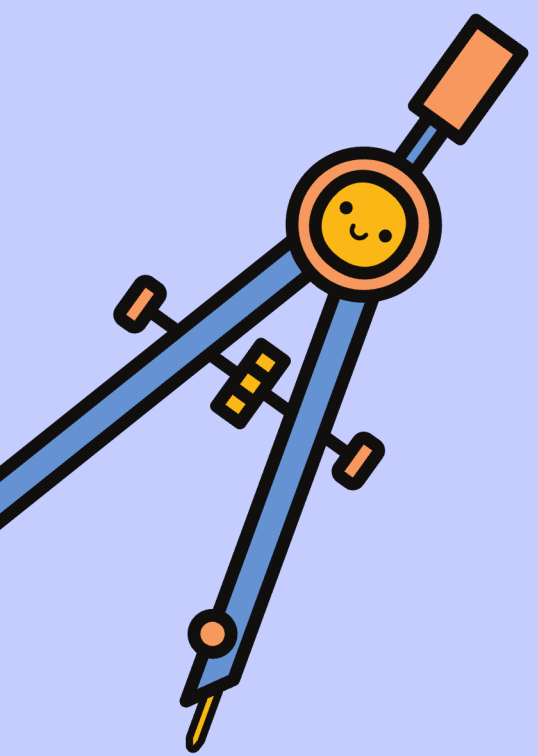


Review

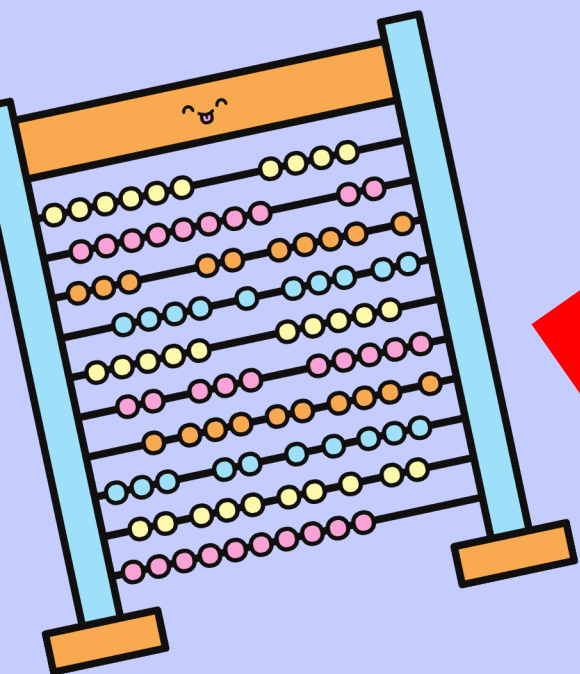
Recall facts, use strategies, spot patterns and check with division.

PREVIEW

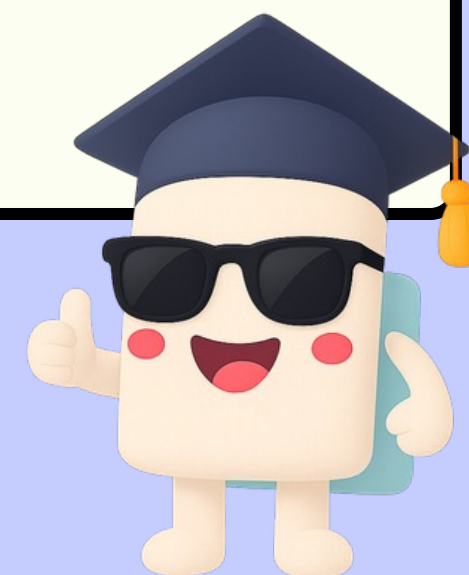
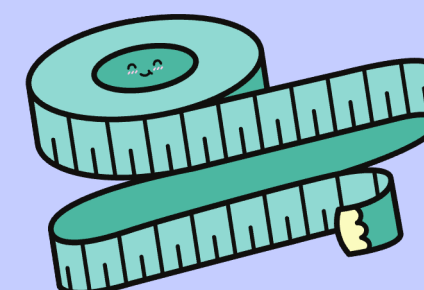
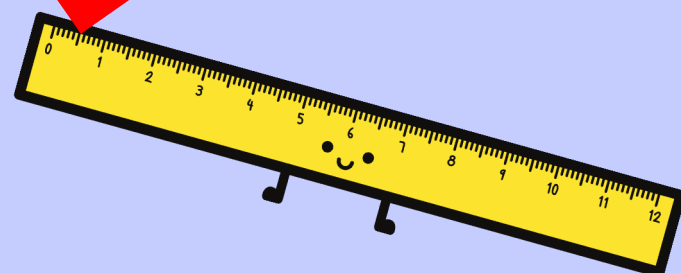




Well Done!



PREVIEW



Times Tables & Quiz



Question 1

What is 1×4



Answer 1

32

PREVIEW



Question 2

True or false. $\times \frac{1}{2} = 54$



Answer 2

False. $8 \times 4 = 32$



Question 3

What is $\frac{1}{2} \div \frac{3}{4}$?



Answer 3

PREVIEW



Question 4

Which strategy multiplies by 8? A. Add 8 once B. Double three times C. Halve twice D. Add 4



Answer 4

B. Double three times.



Question 5

Complete the pattern 40, 3, 5, —, 72.



Answer 5

64

PREVIEW



Question 6

What is the missing factor? $8 \times \square = 88$



Answer 6

11

PREVIEW



Question 7

Use $5 \times 8 = 40$ to solve 6×8 .



Answer 7

$$40 + 8 = 48$$



Question 8

Write a turnaround fact for $8 \times 9 = 72$.

PREVIEW



Answer 8

$$9 \times 8 = 72$$



Question 9

Write one division fact for 8×48 .



Answer d

$$48 \div 8 = 6 \text{ or } 48 \div 6 = 8$$



Question 10

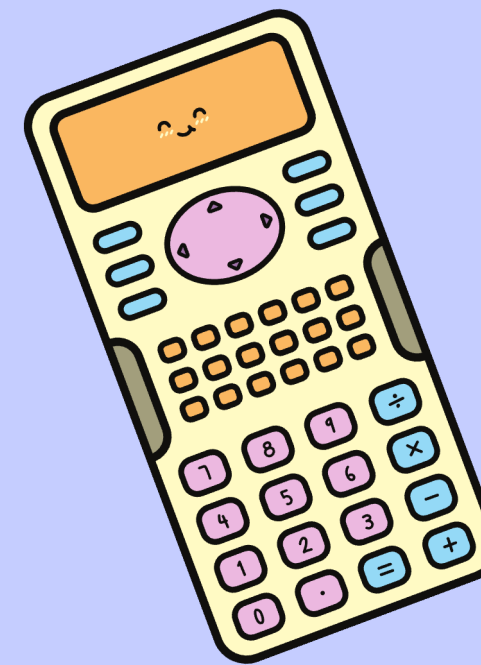
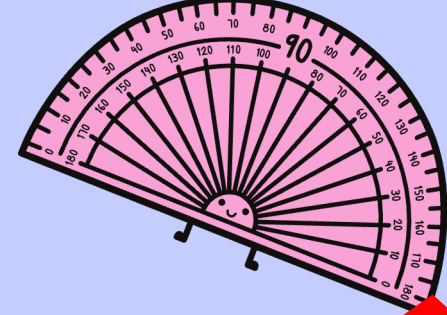
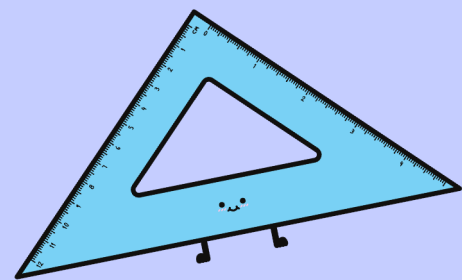
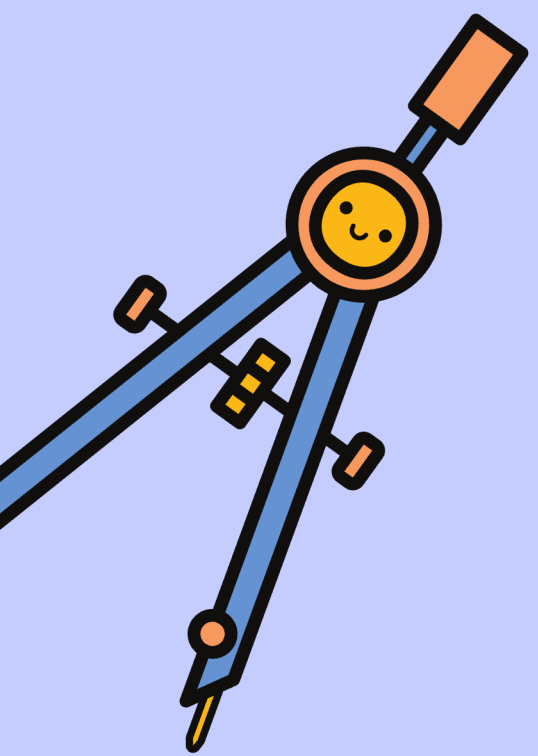
A box holds 8 rows of 12 cards. How many cards?



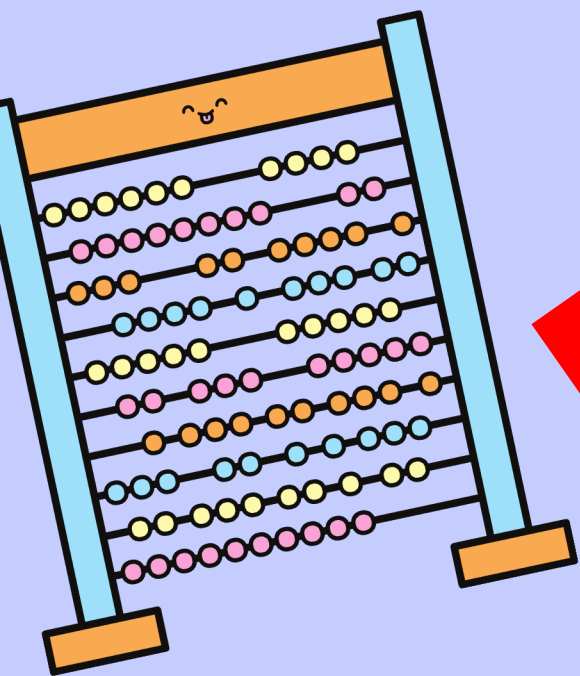
Answer 10

$$8 \times 12 = 96 \text{ cars}$$





Well Done!



PREVIEW

