PLANIT TEACHERS

Multiplication Magic: The 8 Times Table Adventure

Warm-Up Activities ⭐

Let's start our multiplication journey with some fun counting exercises!

1. Count and Complete

Fill in the missing numbers in the sequence:

| 8 | | 24 | | 40 | | 56 | |

Fun Fact Spider Challenge!

🕷 Spiders have 8 legs!

If you see 3 spiders, how many legs are there altogether?

Working out:

Answer: _____ legs

Picture Problems ⭐

Count the groups and write the multiplication sentence.

1. How many stars altogether?

⭐⭐⭐⭐⭐⭐⭐⭐   ⭐⭐⭐⭐⭐⭐⭐⭐

Write the multiplication sentence:

_____ × 8 = _____

Number Challenges ⭐⭐

Complete these multiplication exercises carefully.

1. Complete the Multiplication Grid

1 × 8 = _____

2 × 8 = _____

3 × 8 = _____

4 × 8 = _____

5 × 8 = _____

6 × 8 = _____

2. Fill in the Missing Numbers

_____ × 8 = 24

_____ × 8 = 40

6 × 8 = _____

3. Pattern Puzzle

What comes next in the pattern?

| 8 | 16 | 24 | | | |

Word Problems ⭐⭐⭐

Solve these real-world multiplication problems.

1. The Birthday Party 🎈

Sarah is planning a birthday party. She needs to put 8 balloons in each party bag. If she has 7 party bags, how many balloons does she need in total?

Working out:

Answer: _____ balloons

2. The School Library 📚

Each shelf in the library can hold 8 books. If there are 5 shelves, how many books can be stored in total?
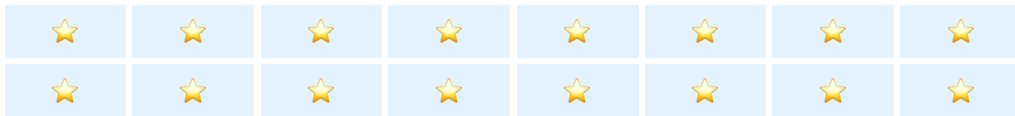
Working out:

Answer: _____ books

Visual Learning 🎨

Use arrays to understand multiplication by 8.

1. Complete the Arrays

| ⭐ | ⭐ | ⭐ | ⭐ | ⭐ | ⭐ | ⭐ | ⭐ |

Write the multiplication sentence for this array:

$1 \times 8 = 8$

| ⭐ | ⭐ | ⭐ | ⭐ | ⭐ | ⭐ | ⭐ | ⭐ |
| ⭐ | ⭐ | ⭐ | ⭐ | ⭐ | ⭐ | ⭐ | ⭐ |

Write the multiplication sentence for this array:

$2 \times 8 = $ _____

Challenge Corner 🏆

Test your multiplication skills with these challenging problems!

1. Missing Numbers

Fill in the blanks to make these number sentences true:

$8 \times$ _____ $= 32$

_____ $\times 8 = 56$

$8 \times 8 =$ _____

$9 \times 8 =$ _____

2. Number Patterns

Complete the pattern and explain your thinking:

| 80 | 72 | 64 | | |

Explain the pattern:

Real-World Connections 🌍

Discover how multiplication by 8 appears in everyday life!

1. Spider Web Mystery 🕷

A spider sanctuary has 6 spider tanks. Each spider in the tanks has 8 legs.

If there is one spider in each tank, how many spider legs are there in total?

2. Octopus Garden 🐙

An aquarium has 4 octopuses. Each octopus has 8 tentacles.

How many tentacles are there altogether?

3. Music Time 🎵

Each bar of music has 8 beats. If a song has 5 bars, how many beats are there in total?

Assessment Time ✏️

Show what you've learned about multiplying by 8!

Quick Fire Questions

$8 \times 3 =$ _____ $8 \times 7 =$ _____

$8 \times 4 =$ _____ $8 \times 9 =$ _____

Final Challenge Problem

A toy factory packages toy cars in boxes of 8. If they need to ship 96 cars, how many boxes will they need?

Show your working:

Answer: _____ boxes

Word Problems ⭐⭐⭐

Solve these real-world multiplication problems.

1. Birthday Party Fun

Sarah is planning a party. She has 8 party bags, and wants to put 8 sweets in each bag.
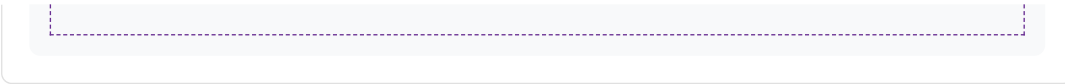
How many sweets does she need altogether?

Working out: _____
Answer: _____ sweets

2. Sports Day Challenge

There are 8 teams in the sports day. Each team has 8 players.

How many players are there in total?

Working out: _____
Answer: _____ players

Well Done!

You've completed your 8 times table practice!

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