

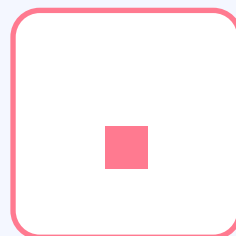
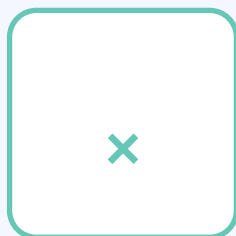


MATHS

FUN & GAMES!

20 Printable Activities for Ages 6–8

Addition • Subtraction • Multiplication • Patterns • Reasoning



PRINT • PLAY • SOLVE • CELEBRATE!

What's inside?

- 16 playful maths activities + 2 answer-key pages.
- Designed for ages 6–8 and flexible across international curricula.
- Use independently, in pairs, as maths stations, for early finishers, or for home practice.
- Most activities need only pencils, crayons, scissors and a dice/spinner.
- Encourage children to explain how they found an answer—not just write it.

Differentiation ideas

- Support: use counters, number lines or a hundreds chart.
- Core: solve independently and explain the strategy.
- Challenge: ask children to create a second solution or a new question.

Learning focus

- Number sense • Mental maths • Operations • Patterns
- Money • Logic • Mathematical vocabulary • Problem solving

Tip: Laminate game boards and cards for repeated use.

How to play

Roll two dice. Add the numbers. Write the total and colour one matching number below. First to colour 5 numbers wins!

3	4	5	6	7
8	9	10	11	12

Record your rolls

Roll 1:	_____	Total:	_____	Colour:	_____
Roll 2:	_____	Total:	_____	Colour:	_____
Roll 3:	_____	Total:	_____	Colour:	_____
Roll 4:	_____	Total:	_____	Colour:	_____
Roll 5:	_____	Total:	_____	Colour:	_____
Roll 6:	_____	Total:	_____	Colour:	_____
Roll 7:	_____	Total:	_____	Colour:	_____
Roll 8:	_____	Total:	_____	Colour:	_____

Challenge: Can you roll two dice and make a total that has not appeared yet?

2. Roll, Add & Compare

Challenge

Roll two dice twice. Add each pair. Circle the larger total and put a ★ beside the smaller total.

1. Roll A: $2 + 5 = \underline{\quad}$ Roll B: $5 + 3 = \underline{\quad}$

2. Roll A: $6 + 3 = \underline{\quad}$ Roll B: $3 + 6 = \underline{\quad}$

3. Roll A: $4 + 4 = \underline{\quad}$ Roll B: $4 + 5 = \underline{\quad}$

4. Roll A: $1 + 6 = \underline{\quad}$ Roll B: $6 + 2 = \underline{\quad}$

5. Roll A: $5 + 2 = \underline{\quad}$ Roll B: $2 + 6 = \underline{\quad}$

6. Roll A: $3 + 3 = \underline{\quad}$ Roll B: $3 + 4 = \underline{\quad}$

7. Roll A: $6 + 5 = \underline{\quad}$ Roll B: $5 + 6 = \underline{\quad}$

8. Roll A: $2 + 4 = \underline{\quad}$ Roll B: $4 + 3 = \underline{\quad}$

Make your own!

Choose four dice numbers. Write two addition equations with the same answer.

Case 1

- I am greater than 20.
- I am less than 30.
- I am even.



SECRET

Case 2

- I am greater than 40.
- I am less than 50.
- My ones digit is 7.



SECRET

Case 3

- I am between 60 and 70.
- I am odd.
- My ones digit is 3.



SECRET

Case 4

- I am less than 20.
- I am greater than 10.
- I am a multiple of 3.



SECRET

Case 5

- I am between 30 and 40.
- I am even.
- My ones digit is 6.



SECRET

Case 6

- I am greater than 70.
- I am less than 80.
- My ones digit is 4.



SECRET

Detective Challenge:

Write three clues for a secret number between 50 and 100.

4. Secret Number Puzzle

Think • Reason • Solve

1. ____ is 5 more than 27.

2. ____ is 10 less than 64.

3. ____ is double 8.

4. ____ is half of 30.

5. ____ is 3 groups of 7.

6. ____ is 20 more than 35.

7. ____ is 4 less than 50.

8. ____ is 5 groups of 6.

9. ____ is an even number between 41 and 44.

10. ____ is an odd number between 70 and 76.

Super challenge:

I am 3 more than 2 groups of 10. What number am I? _____

5. Colour-by-Answer

Hidden Picture

Solve each box. Colour using the key: 5 = yellow, 6 = blue, 7 = green, 8 = red.

$4+4$	$4+4$	$4+4$	$4+4$	$4+4$	$4+4$	$4+4$	$4+4$
$4+4$	$9-4$	$9-4$	$4+4$	$4+4$	$9-4$	$9-4$	$4+4$
$3+3$	$4+4$	$4+4$	$3+3$	$3+3$	$4+4$	$4+4$	$3+3$
$4+4$	$10-3$	$10-3$	$4+4$	$4+4$	$10-3$	$10-3$	$4+4$
$4+4$	$10-3$	$10-3$	$4+4$	$4+4$	$10-3$	$10-3$	$4+4$
$3+3$	$4+4$	$4+4$	$3+3$	$3+3$	$4+4$	$4+4$	$3+3$
$4+4$	$9-4$	$9-4$	$4+4$	$4+4$	$9-4$	$9-4$	$4+4$
$4+4$	$4+4$	$4+4$	$4+4$	$4+4$	$4+4$	$4+4$	$4+4$

COLOUR KEY



5



6



7



8

6. Maths Matching

Cut • Match • Solve

$7+5$

ct answer.

12

$15-6$

9

4×3

12

$18\div 3$

6

$9+8$

17

$20-7$

13

5×5

25

$24\div 4$

6

Make a new match:

Write an equation with the answer 20: _____

2–4 players • Roll a dice • Move that many spaces • Solve the challenge on the space.

START 1	8+7 2	15–6 3	2×4 4	BONUS +2 5	12÷3 6
7+9 7	20–8 8	3×5 9	MISS A TURN 10	6+6 11	18–9 12
4×2 13	DOUBLE MOVE 14	14÷2 15	5+17 16	25–10 17	2×6 18
LOSE 1 19	9+8 20	30–12 21	3×7 22	16÷4 23	BONUS +3 24
11+6 25	19–7 26	5×3 27	24÷6 28	MOVE BACK 2 29	8+9 30

Winning rule: Reach FINISH/complete the final challenge first.

8. Maths Race Cards

Cut-Out Challenge Cards

Card 1

Add $18 + 7$.

Card 2

Subtract 9 from 25.

Card 3

What is 4×6 ?

Card 4

What is half of 18?

Card 5

Name an even number
between 20 and 30.

Card 6

Complete: 35, 40, 45, ____.

Card 7

Which is greater: 47 or 74?

Card 8

Make 20 using 2 numbers.

Card 9

What is $30 - 14$?

Card 10

What is 3×8 ?

Card 11

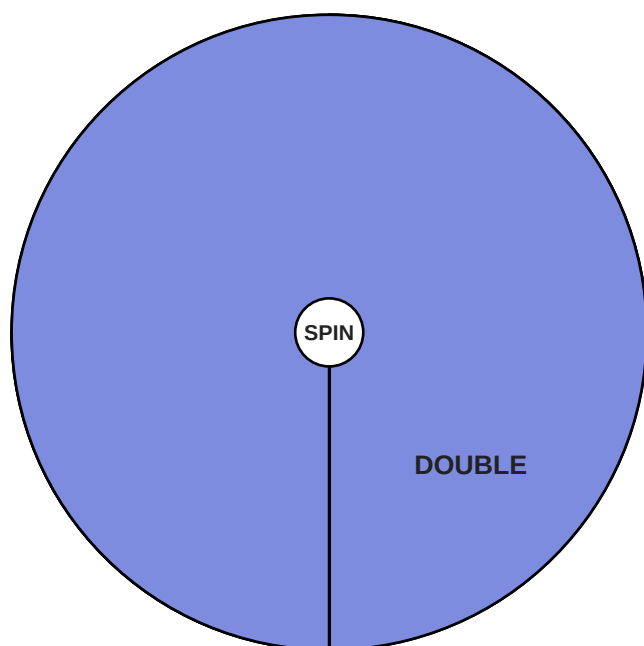
Find 10 more than 56.

Card 12

Find 10 less than 83.

Cut along the borders. Add your own cards on the blank spaces if desired.

Use a paperclip and pencil as a spinner. Spin twice, then complete the challenge.



1. Choose a number: 12

Result: _____

2. Choose a number: 8

Result: _____

3. Choose a number: 15

Result: _____

4. Choose a number: 20

Result: _____

5. Choose a number: 25

Result: _____

6. Choose a number: 30

Result: _____

Teacher/parent calls an equation. Cover the answer if it appears. Get 4 in a row!

B I N G O

6	8	10	12
14	16	18	20
22	24	26	28
30	32	34	36

Use counters, buttons or small pieces of paper as markers.

$$3+3$$

Answer: 6

$$10-2$$

Answer: 8

$$5+5$$

Answer: 10

$$6+6$$

Answer: 12

$$7+7$$

Answer: 14

$$9+5$$

Answer: 14

$$8+8$$

Answer: 16

$$10+8$$

Answer: 18

$$20-2$$

Answer: 18

$$12+10$$

Answer: 22

$$30-4$$

Answer: 26

$$16+8$$

Answer: 24

$$18+10$$

Answer: 28

$$20+12$$

Answer: 32

$$40-6$$

Answer: 34

$$18+18$$

Answer: 36

Cut apart and shuffle. For repeated play, laminate the cards.

12. Crack the Code

Secret Message

Solve each equation. Use the code to turn the answers into letters.

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

1. $8+7 =$ _____

Letter: _____

2. $20-2 =$ _____

Letter: _____

3. $10-5 =$ _____

Letter: _____

4. $6+6 =$ _____

Letter: _____

5. $9+5 =$ _____

Letter: _____

6. $4+4 =$ _____

Letter: _____

7. $7+6 =$ _____

Letter: _____

8. $10-2 =$ _____

Letter: _____

Secret message:

Hint: The message is something every maths learner can be!

Each pizza has 8 equal slices. Follow the topping clues and answer the questions.

1. How many slices are there? _____

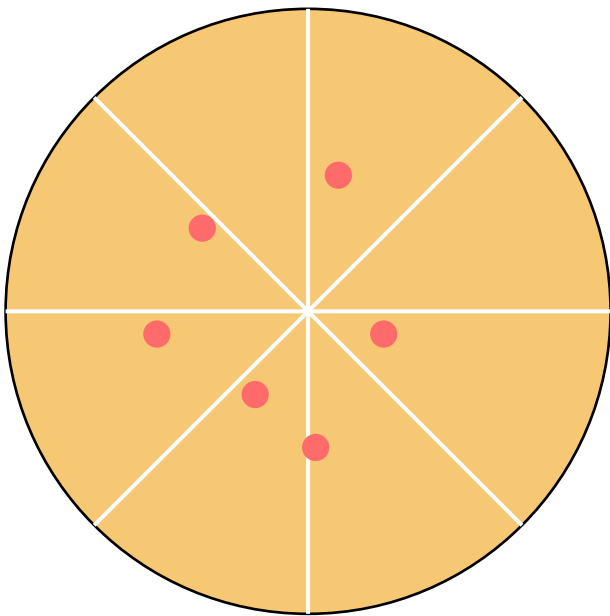
2. If 3 slices have cheese, what fraction has cheese? _____

3. If you eat 2 slices, how many are left? _____

4. 4 slices + 2 slices = _____ slices

5. Half of 8 slices is _____

6. Challenge: Draw toppings on 5 slices.



14. Maths at the Market

Money & Addition

Imagine you have 20 coins/units to spend. Choose items and calculate your total.

Apple

Price: 3 units

Banana

Price: 2 units

Juice

Price: 5 units

Bread

Price: 6 units

Yogurt

Price: 4 units

Carrot

Price: 2 units

Cheese

Price: 7 units

Cookie

Price: 3 units

Your shopping challenge

Choose 3 items. Total = _____

How much would you have left from 20? _____

Can you spend exactly 20? Write your items: _____

15. Number Bond Safari

Find the Missing Number

Complete the number bonds. Then colour the safari animals below.

$$6 + \underline{\quad} = 10$$

$$3 + \underline{\quad} = 10$$

$$8 + \underline{\quad} = 10$$

$$12 + \underline{\quad} = 20$$

$$15 + \underline{\quad} = 20$$

$$7 + \underline{\quad} = 20$$

$$25 + \underline{\quad} = 50$$

$$18 + \underline{\quad} = 50$$

$$31 + \underline{\quad} = 50$$

Safari colouring zone

Colour each animal after you solve its matching bond: 10-bonds = yellow, 20-bonds = green, 50-bonds = blue.

ANIMAL

ANIMAL

ANIMAL

ANIMAL

ANIMAL

16. Maths Challenge Cards

Quick-Fire Thinking

CHALLENGE 1

Name 3 even numbers.

CHALLENGE 2

Find 10 more than 47.

CHALLENGE 3

Find 5 less than 32.

CHALLENGE 4

Make 15 in two different ways.

CHALLENGE 5

Skip count by 5 from 5 to 50.

CHALLENGE 6

What is double 9?

CHALLENGE 7

What is half of 20?

CHALLENGE 8

Which is greater: 38 or 83?

CHALLENGE 9

Complete: 2, 4, 6, __, __.

CHALLENGE 10

Write a fact family for 5, 7 and 12.

CHALLENGE 11

Make 24 using multiplication.

CHALLENGE 12

Write an odd number between 40 and 50.

Cut out, shuffle and pick a card whenever you need a 5-minute maths challenge.

17. Mixed Maths Review

Show What You Know

1. $24 + 18 = \underline{\hspace{2cm}}$

2. $50 - 27 = \underline{\hspace{2cm}}$

3. $6 \times 4 = \underline{\hspace{2cm}}$

4. $35 \div 5 = \underline{\hspace{2cm}}$

5. 10 more than 67 = $\underline{\hspace{2cm}}$

6. Half of 18 = $\underline{\hspace{2cm}}$

7. Which is odd: 24, 31, 42? $\underline{\hspace{2cm}}$

8. Complete: 5, 10, 15, $\underline{\hspace{2cm}}$, $\underline{\hspace{2cm}}$

9. A box has 4 rows of 3. How many? $\underline{\hspace{2cm}}$

10. You have 30 and spend 12. Left = $\underline{\hspace{2cm}}$

11. Write a number between 60 and 70 that is $\underline{\hspace{2cm}}$

12. Which is greater: 56 or 65? $\underline{\hspace{2cm}}$

How did you do?

Circle one: ☐ Super confident ☐ Getting there ☐ I need more practice

Answer Key

- Page 5: 22, 47, 63, 12, 36, 74.
- Page 6: 32, 54, 16, 15, 21, 55, 46, 30, 42, 73.
- Page 7: Colour by the displayed answer (5–8).
- Page 8: $7+5 \rightarrow 12$; $15-6 \rightarrow 9$; $4 \times 3 \rightarrow 12$; $18 \div 3 \rightarrow 6$; $9+8 \rightarrow 17$; $20-7 \rightarrow 13$; $5 \times 5 \rightarrow 25$; $24 \div 4 \rightarrow 6$.
- Page 13: 6, 8, 10, 12, 14, 14, 16, 18, 18, 22, 26, 24, 28, 32, 34, 36.
- Page 14: 15=O, 18=R, 5=E, 12=L, 14=N, 8=H, 13=M, 8=H. Teacher can accept child-created code interpretations.
- Page 15: 8 slices; $\frac{3}{8}$; 6 left; 6; 4; child-drawn response.
- Page 17: 4, 7, 2, 8, 5, 13, 25, 32, 19.
- Page 19: 42, 23, 24, 7, 77, 9, 31, 20 & 25, 12, 18, any even 62–68, 65.

MATHS SUPERSTAR!

This certificate is proudly awarded to

for showing curiosity, perseverance and great mathematical thinking!

Date: _____

Teacher/Parent: _____

You don't have to be perfect at maths—you just have to keep thinking!