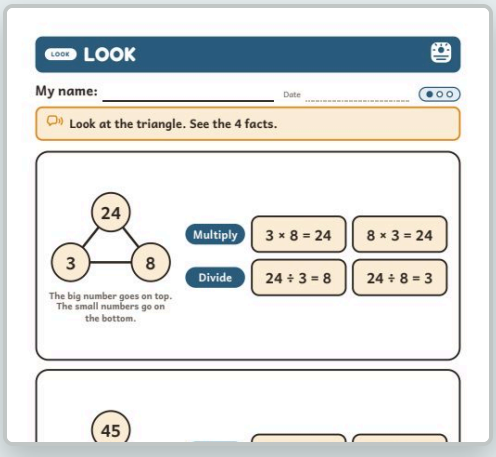
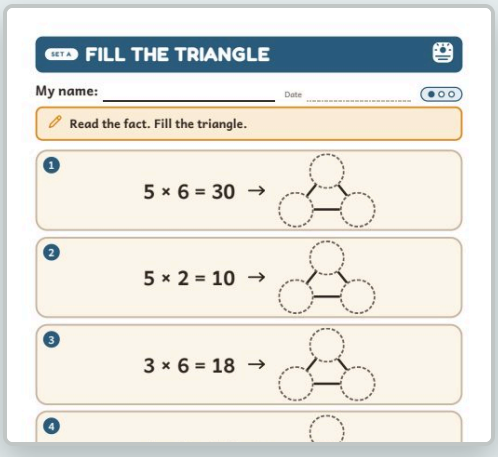
3RD GRADE · MATH

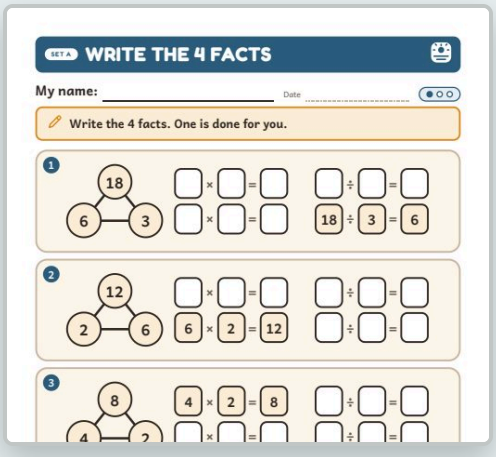
FACT FAMILIES

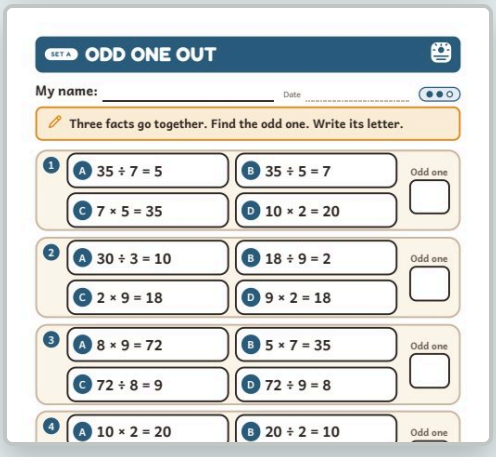
FACT FAMILIES MULTIPLY & DIVIDE

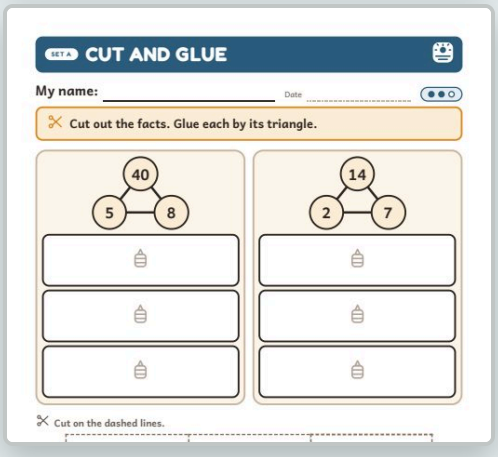
Three numbers in a triangle make four facts. Fill the triangle, find the missing number, write the 4 facts, odd one out, and cut and glue, with keys, a tracker and a family page. Print, or type the names and answers. PDF.













29 Pages | **7 Page Types** | **34 Families** | **Facts to 10 x 10**

BRIGHT PATH SPED

START HERE

QUICK START

One complete kit for one big idea: three numbers in a triangle make four facts, two to multiply and two to divide. On pages with room to work, untimed.

THREE STEPS

1 Look at the triangle together

Page 5 works two families in the triangle: the big number on top, two small numbers on the bottom, and the four facts they make (two multiply, two divide). Read it aloud with the child, then turn to Fill the Triangle.

2 Hand over a page

Every student page opens with a name line and one short instruction, and the boxes are big. Nothing on it is written for you, so the child can start. The chart below says which page for which child; the dots at the top right are the only level code.

3 Check it, record it, send it home

The answer keys are pages 18, 19 and 20. Date each page on the tracker (page 21), roll a group up on page 22, and send the home page (24). A filled example is on page 25.

WHICH PAGE, WHEN

WHEN…	USE…
Meeting the triangle for the first time	Look, page 5 · Fill the Triangle A, page 6
Knows the triangle, needs a number found	Missing Number, pages 8, 9
Ready to write all four facts	Write the 4 Facts, pages 10, 11
Mixes up multiply and divide facts	Fill the Triangle B (divide facts), page 7
Rushes and does not check	Odd One Out, pages 12, 13
Better with cutting and gluing	Cut and Glue, pages 14, 15, 16
Ready to make their own	My Family, page 17
Ready to send practice home	Home page 24 · notes: page 23

Everything inside (29 pages)

- **13 student pages** in 7 page types: Look, Fill the Triangle, Missing Number, Write the 4 Facts, Odd One Out, Cut and Glue and My Family
- **34 different fact families** with products from 6 to 90, every one computed in code, plus 2 worked on Look
- **18 cut-and-glue pieces** in 3 sets of six; **40 facts** for a child to write
- **3 answer keys, 1 tracker, 1 class grid**
- **1 team note, 1 home page, 1 filled example, 1 phrase and strategy bank**
- **1 binder cover, 6 divider tabs** and a spine label

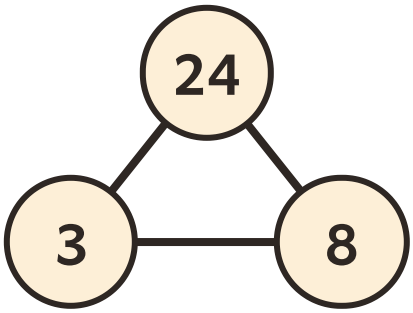
What makes it different

Every page uses the same triangle, so the child learns one picture: the big number on top, the two small numbers on the bottom. Facts stay within 10 times 10. No family is used twice in a page type, and no answer sits where a child could guess it. Nothing is timed and nothing on a student page is scored.

LOOK

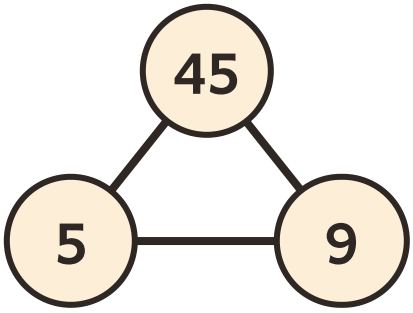
My name: _____ Date .....

Look at the triangle. See the 4 facts.



The big number goes on top. The small numbers go on the bottom.

Multiply	3 × 8 = 24	8 × 3 = 24
Divide	24 ÷ 3 = 8	24 ÷ 8 = 3



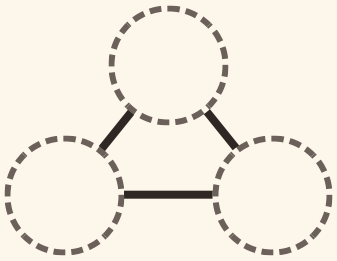
The big number goes on top. The small numbers go on the bottom.

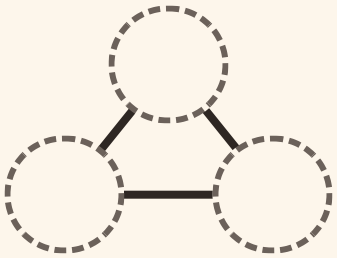
Multiply	5 × 9 = 45	9 × 5 = 45
Divide	45 ÷ 5 = 9	45 ÷ 9 = 5

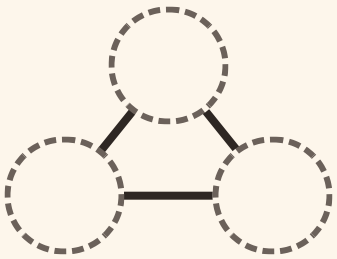
SET A FILL THE TRIANGLE

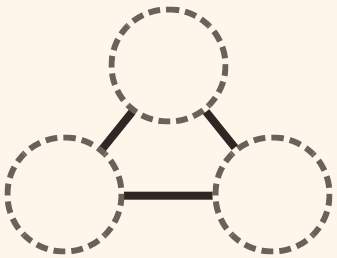
My name: _____ Date .....

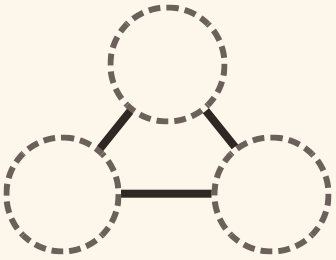
Read the fact. Fill the triangle.

1. $5 \times 6 = 30 \rightarrow$ 

2. $5 \times 2 = 10 \rightarrow$ 

3. $3 \times 6 = 18 \rightarrow$ 

4. $4 \times 3 = 12 \rightarrow$ 

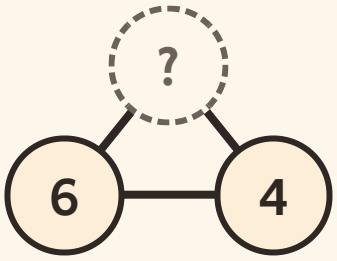
5. $3 \times 2 = 6 \rightarrow$ 

SET A MISSING NUMBER

My name: _____ Date .....

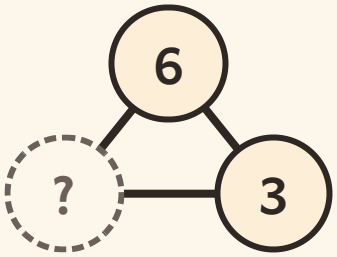
Find the missing number. Write it in the box.

1



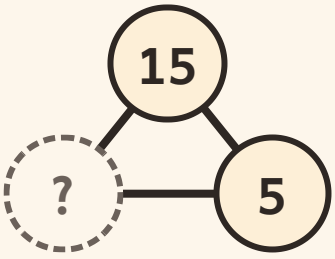
$6 \times 4 = \square$

2



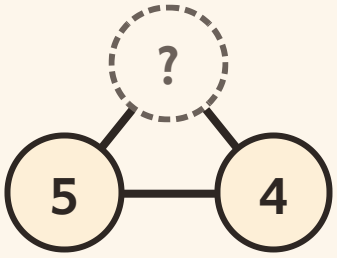
$\square \times 3 = 6$

3



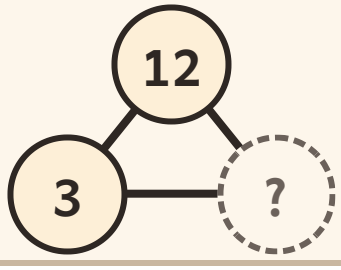
$\square \times 5 = 15$

4



$5 \times 4 = \square$

5



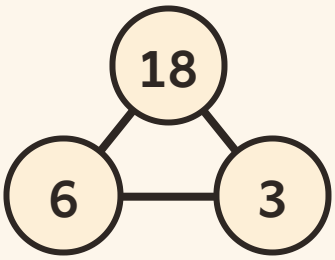
$3 \times \square = 12$

SET A WRITE THE 4 FACTS

My name: _____ Date .....

Write the 4 facts. One is done for you.

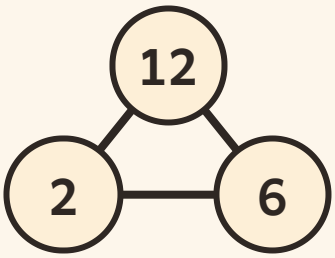
1



□ × □ = □
□ × □ = □

□ ÷ □ = □
18 ÷ 3 = 6

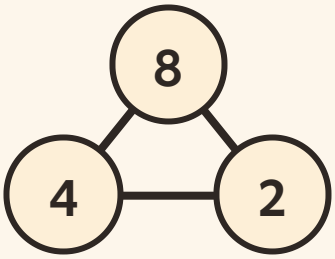
2



□ × □ = □
6 × 2 = 12

□ ÷ □ = □
□ ÷ □ = □

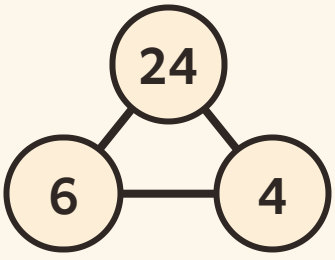
3



4 × 2 = 8
□ × □ = □

□ ÷ □ = □
□ ÷ □ = □

4



□ × □ = □
□ × □ = □

24 ÷ 6 = 4
□ ÷ □ = □

SET A ODD ONE OUT

My name: _____ Date .....

Three facts go together. Find the odd one. Write its letter.

1

- **A** 35 ÷ 7 = 5
- **B** 35 ÷ 5 = 7
- **C** 7 × 5 = 35
- **D** 10 × 2 = 20

Odd one: ☐

2

- **A** 30 ÷ 3 = 10
- **B** 18 ÷ 9 = 2
- **C** 2 × 9 = 18
- **D** 9 × 2 = 18

Odd one: ☐

3

- **A** 8 × 9 = 72
- **B** 5 × 7 = 35
- **C** 72 ÷ 8 = 9
- **D** 72 ÷ 9 = 8

Odd one: ☐

4

- **A** 10 × 2 = 20
- **B** 20 ÷ 2 = 10
- **C** 6 × 8 = 48
- **D** 20 ÷ 10 = 2

Odd one: ☐

5

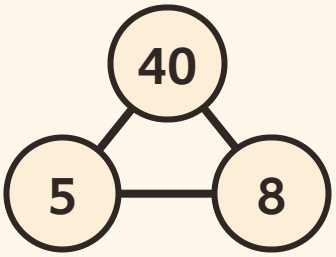
- **A** 27 ÷ 9 = 3
- **B** 8 × 5 = 40
- **C** 9 × 3 = 27
- **D** 27 ÷ 3 = 9

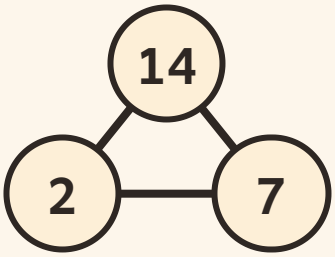
Odd one: ☐

SET A CUT AND GLUE

My name: _____ Date .....

Cut out the facts. Glue each by its triangle.





Cut on the dashed lines.

7 × 2 = 14	14 ÷ 2 = 7	5 × 8 = 40
2 × 7 = 14	8 × 5 = 40	40 ÷ 8 = 5

TRACKER

FACT FAMILY TRACKER

STUDENT _____ TEACHER _____ MONTH _____

PAGE	PAGE TYPE AND SET	ITEMS	RIGHT	DATE	NOTES
6	Fill the Triangle A	5			
7	Fill the Triangle B	5			
8	Missing Number A	5			
9	Missing Number B	5			
10	Write the 4 Facts A	4			
11	Write the 4 Facts B	4			
12	Odd One Out A	5			
13	Odd One Out B	5			
14	Cut and Glue A	6			
15	Cut and Glue B	6			
16	Cut and Glue C	6			
17	My Family	2			

How to fill this in

Write how many items the child got right with no prompt, and the date. A blank means not tried yet, never wrong. There are 58 items on the 12 pages above; Look (page 5) is not scored. On a Cut and Glue page an item is one piece in the right place; on My Family an item is one finished family. Answer keys: pages 18, 19 and 20. Filled example: page 25.

THIS MONTH WE ARE WORKING ON (YOUR OWN WORDING)

EXAMPLE MARCUS'S TRACKER

Marcus T. is invented; nothing on this page describes a real student. The blank tracker is on page 21.

STUDENT **Marcus T. (an invented student)**

TEACHER **Ms. Rivera (invented)**

MONTH **October**

PAGE	PAGE TYPE AND SET	ITEMS	RIGHT	DATE	NOTES
6	Fill the Triangle A	5	5	10/1	–
7	Fill the Triangle B	5	4	10/3	Started a divide fact with a bottom number once
8	Missing Number A	5	5	10/6	–
9	Missing Number B	5	5	10/8	–
10	Write the 4 Facts A	4	4	10/10	–
11	Write the 4 Facts B	4	3	10/13	Wrote only one divide fact once
12	Odd One Out A	5	5	10/15	–
13	Odd One Out B	5	–	–	–
14	Cut and Glue A	6	6	10/17	–
15	Cut and Glue B	6	5	10/20	Glued one fact under the wrong triangle
16	Cut and Glue C	6	–	–	–
17	My Family	2	–	–	–

How to read it

Marcus T. has done **9 of 12** scored pages and got **42 of 45** items right with no prompt. **6** pages were all right. Every number here comes from the table above.

The family note this tracker would produce

"This month Marcus finished 9 fact family pages and got 42 of 45 items right. He wrote only one divide fact once; starting each divide fact with the biggest number is next." — every fact in it is a row of the table above.

What the table points to

Every page with a note is one item short of full: Fill the Triangle B, Write the 4 Facts B, Cut and Glue B. The 3 slips are different kinds, so there is no single next page; the note on each row says what to watch for on it. Pages left blank (3 of 12) are not tried yet, never wrong.

THANK YOU **BEFORE YOU GO**

THANK YOU FOR USING THIS RESOURCE

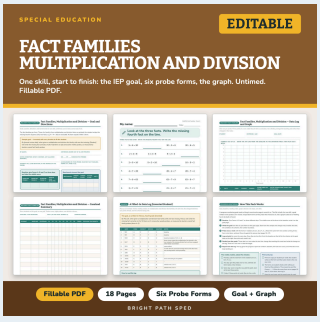
Everything here was built for the teacher who has a table of children who each need a different amount of support with multiplication and division facts. If this helped, leaving feedback on TPT helps other teachers find it.

Something missing or wrong?

Please use the **Ask a Question** tab on the product page first — every question is read, and a fix to the file is a free update you re-download from **My Purchases**.

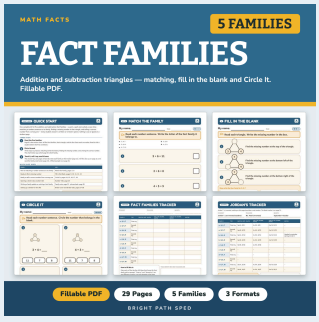
WHAT'S NEXT FROM THIS STORE

The data side of this skill, where fact families start, and sorting multiplication and division facts.



Multiplication and Division Fact Families Probes

The data side of this skill: forms for a goal on the IEP.



Fact Families Triangles Worksheets K-2

Where fact families start: addition and subtraction triangles.



Multiplication Facts to 5 Sort Task Box

Sort multiplication facts, one set at a time.



Division Facts to 5 Sort Task Box

The other half of the family: sort division facts.

Part of the Math Practice collection — new products in this collection are added regularly. Click **Follow** on the store page and TPT will email you when they go up.

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