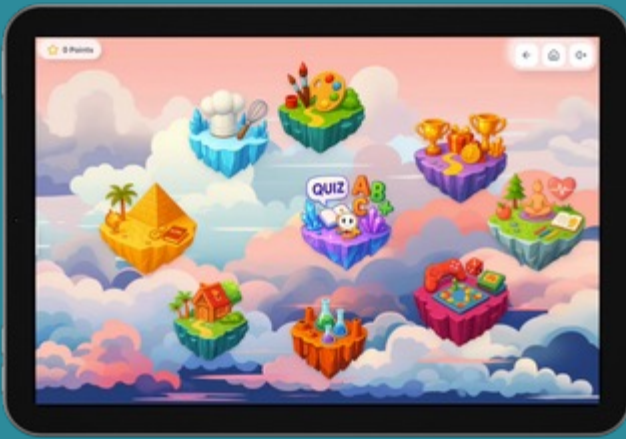


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Fractions of a Whole - Year 6

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Fractions of Quantities



Denominator = number of equal groups



Numerator = number of groups selected

$$\frac{3}{5} \text{ of } 40$$

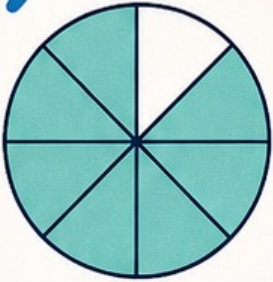
$$40 \div 5 = 8$$

$$8 \times 3 = 24$$

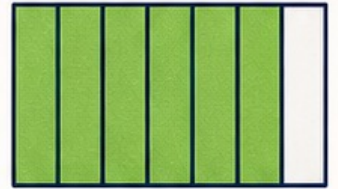
Answer: 24



Divide, Multiply, Check

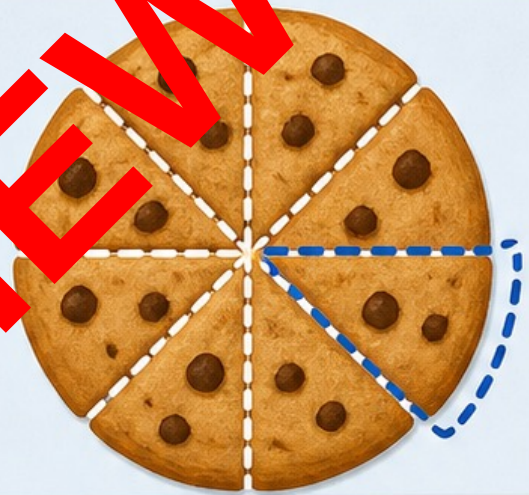


$\frac{7}{8}$ of 64



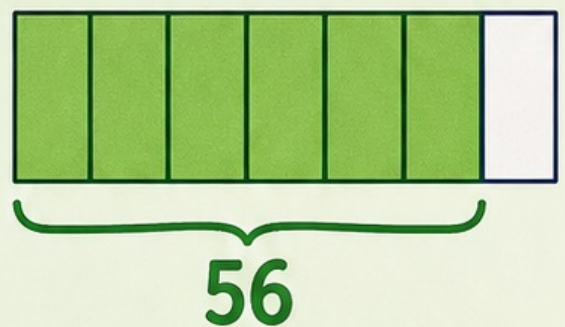
1 **DIVIDE** by the denominator

$$64 \div 8 = 8$$



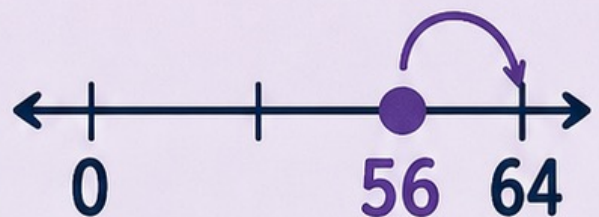
2 **MULTIPLY** by the numerator

$$8 \times 7 = 56$$



3 **CHECK** the answer is reasonable

56 is less than 64 and close to the whole.



Fraction Finder Four-in-a-Row

1 $\frac{2}{3}$ of 45

2 $\frac{3}{4}$ of 64

3 $\frac{5}{6}$ of 72

4 $\frac{7}{8}$ of 80

5 $\frac{4}{5}$ of 125

6 $\frac{3}{10}$ of 90

7 $\frac{11}{12}$ of 144

8 $\frac{7}{9}$ of 81

9 $\frac{3}{5}$ of 110

10 $\frac{4}{7}$ of 98

11 $\frac{9}{10}$ of 200

12 $\frac{5}{8}$ of 160

30	48	60	70	36
25	100	42	27	84
132	63	66	56	96
180	15	100	35	108
54	24	120	72	90

HOW TO PLAY

- 1 Roll, move and solve the fraction task.
- 2 Cover the matching answer in the centre.
- 3 First player to cover four in a row wins.





Fraction Match Relay

$$\frac{1}{2} = \frac{3}{4}$$


Cut out the cards. Solve a task, then race to match its answer card.

TASK CARDS

1 $\frac{1}{4}$ of 120

3 $\frac{3}{5}$ of 150

5 $\frac{7}{10}$ of 110

7 $\frac{11}{12}$ of 144

9 $\frac{5}{6}$ of 54

2 $\frac{2}{3}$ of 90

4 $\frac{5}{8}$ of 60

6 $\frac{4}{9}$ of 81

8 $\frac{3}{8}$ of 200

10 $\frac{7}{8}$ of 320

1 30

3 90

5 77

7 120

9 45

2 60

4 100

6 36

8 75

10 280

ANSWER CARDS

PREVIEW

Unit Fraction Foundations

Name: _____

1. $\frac{1}{2}$ of 48

2. $\frac{1}{3}$ of 81

3. $\frac{1}{4}$ of 96

4. $\frac{1}{5}$ of 125

5. $\frac{1}{6}$ of 144

6. $\frac{1}{8}$ of 200

7. $\frac{1}{9}$ of 270

8. $\frac{1}{12}$ of 360

PREVIEW

Unit Fraction Foundations

Name: **ANSWERS**

1. $\frac{1}{2}$ of 48

$48 \div 2 = 24$

24

2. $\frac{1}{3}$ of 81

$81 \div 3 = 27$

27

3. $\frac{1}{4}$ of 96

$96 \div 4 = 24$

24

4. $\frac{1}{5}$ of 125

$125 \div 5 = 25$

25

5. $\frac{1}{6}$ of 144

$144 \div 6 = 24$

24

6. $\frac{1}{8}$ of 200

$200 \div 8 = 25$

25

7. $\frac{1}{9}$ of 270

$270 \div 9 = 30$

30

8. $\frac{1}{12}$ of 360

$360 \div 12 = 30$

30

Unit Fraction Fluency

Name: _____

1. $\frac{1}{7}$ of 343

2. $\frac{1}{11}$ of 484

3. $\frac{1}{15}$ of 600

4. $\frac{1}{20}$ of 840

5. $\frac{1}{25}$ of 1000

6. $\frac{1}{16}$ of 512

7. $\frac{1}{18}$ of 918

8. $\frac{1}{24}$ of 1200

9. $\frac{1}{30}$ of 1500

10. $\frac{1}{32}$ of 2048

Unit Fraction Fluency

Name: ANSWERS

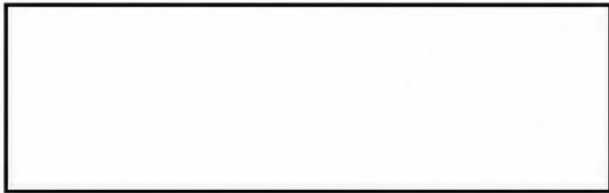
1. $\frac{1}{7}$ of 343 $343 \div 7 = 49$	2. $\frac{1}{11}$ of 484 $484 \div 11 = 44$
3. $\frac{1}{15}$ of 600 $600 \div 15 = 40$	4. $\frac{1}{20}$ of 840 $840 \div 20 = 42$
5. $\frac{1}{25}$ of 1000 $1000 \div 25 = 40$	6. $\frac{1}{16}$ of 512 $512 \div 16 = 32$
7. $\frac{1}{18}$ of 918 $918 \div 18 = 51$	8. $\frac{1}{24}$ of 1200 $1200 \div 24 = 50$
9. $\frac{1}{30}$ of 1500 $1500 \div 30 = 50$	10. $\frac{1}{32}$ of 2048 $2048 \div 32 = 64$

Model Fractions of Quantities

Name: _____

Partition each bar into equal groups, then solve.

1. $\frac{2}{3}$ of 24



Answer: _____

2. $\frac{3}{4}$ of 20



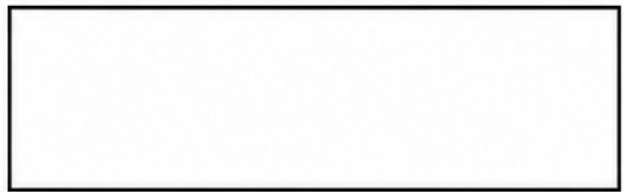
Answer: _____

3. $\frac{5}{6}$ of 30



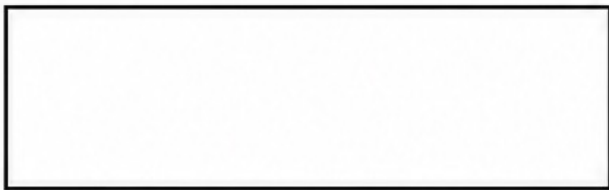
Answer: _____

4. $\frac{3}{5}$ of 40



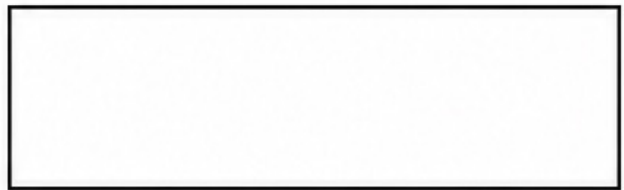
Answer: _____

5. $\frac{7}{8}$ of 32



Answer: _____

6. $\frac{4}{9}$ of 36



Answer: _____

Model Fractions of Quantities

Name: **ANSWERS**

Partition each bar into equal groups, then solve.

1. $\frac{2}{3}$ of 24



Answer: **16**

2. $\frac{3}{4}$ of 20



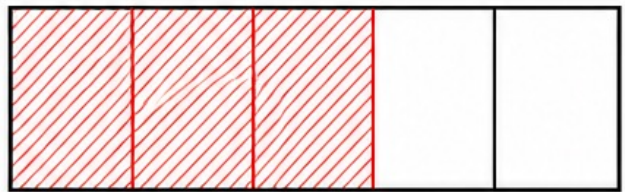
Answer: **15**

3. $\frac{5}{6}$ of 30



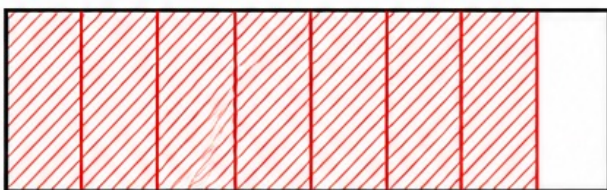
Answer: **25**

4. $\frac{3}{5}$ of 40



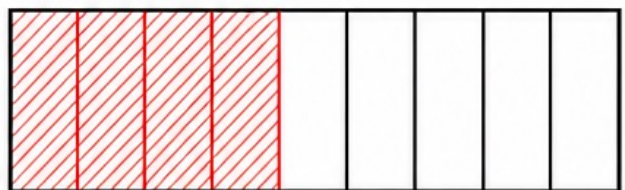
Answer: **24**

5. $\frac{7}{8}$ of 32



Answer: **28**

6. $\frac{4}{9}$ of 36



Answer: **16**

Draw and Explain

Name: _____

Use a bar model. Write an equation and explain your thinking.

1. $\frac{3}{4}$ of 60

Equation: _____

Explain: _____

2. $\frac{5}{8}$ of 96

Equation: _____

Explain: _____

3. $\frac{7}{10}$ of 150

Equation: _____

Explain: _____

4. $\frac{4}{6}$ of 90

Equation: _____

Explain: _____

5. $\frac{11}{12}$ of 144

Equation: _____

Explain: _____

Draw and Explain

Name: ANSWERS

Use a bar model. Write an equation and explain your thinking.

1. $\frac{3}{4}$ of 60



Equation: $60 \div 4 \times 3 = 45$

Explain: One quarter is 15, so three quarters are 45.

2. $\frac{5}{8}$ of 96



Equation: $96 \div 8 \times 5 = 60$

Explain: One eighth is 12, so five eighths are 60.

3. $\frac{7}{10}$ of 150



Equation: $150 \div 10 \times 7 = 105$

Explain: One tenth is 15, so seven tenths are 105.

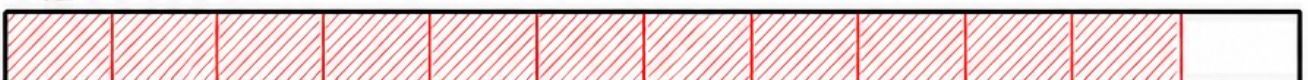
4. $\frac{4}{6}$ of 90



Equation: $90 \div 6 \times 4 = 60$

Explain: One sixth is 15, so four sixths are 60.

5. $\frac{11}{12}$ of 144



Equation: $144 \div 12 \times 11 = 132$

Explain: One twelfth is 12, so eleven twelfths are 132.

Fraction-of-Quantity Fluency – Core

Name: _____

1. $\frac{2}{5}$ of 75

2. $\frac{3}{8}$ of 64

3. $\frac{4}{9}$ of 81

4. $\frac{5}{6}$ of 54

5. $\frac{7}{10}$ of 120

6. $\frac{3}{4}$ of 220

7. $\frac{5}{12}$ of 144

8. $\frac{7}{8}$ of 200

9. $\frac{9}{10}$ of 350

10. $\frac{11}{15}$ of 300

Fraction-of-Quantity Fluency – Core

Name: **ANSWERS**

1. $\frac{2}{5}$ of 75

$$75 \div 5 \times 2 = 30$$

2. $\frac{3}{8}$ of 64

$$64 \div 8 \times 3 = 24$$

3. $\frac{4}{9}$ of 81

$$81 \div 9 \times 4 = 36$$

4. $\frac{5}{6}$ of 54

$$54 \div 6 \times 5 = 45$$

5. $\frac{7}{10}$ of 120

$$120 \div 10 \times 7 = 84$$

6. $\frac{3}{4}$ of 220

$$220 \div 4 \times 3 = 165$$

7. $\frac{5}{12}$ of 144

$$144 \div 12 \times 5 = 60$$

8. $\frac{7}{8}$ of 200

$$200 \div 8 \times 7 = 175$$

9. $\frac{9}{10}$ of 350

$$350 \div 10 \times 9 = 315$$

10. $\frac{11}{15}$ of 300

$$300 \div 15 \times 11 = 220$$

Fraction-of-Quantity Fluency — Extension

Name: _____

1. $\frac{7}{12}$ of 420

2. $\frac{11}{16}$ of 640

3. $\frac{13}{20}$ of 900

4. $\frac{17}{25}$ of 125

5. $\frac{19}{24}$ of 720

6. $\frac{23}{30}$ of 1500

7. $\frac{31}{40}$ of 1600

8. $\frac{37}{50}$ of 2500

PREVIEW

Fraction-of-Quantity Fluency — Extension

Name: **ANSWERS**

1. $\frac{7}{12}$ of 420

$$420 \div 12 \times 7 = 245$$

2. $\frac{11}{16}$ of 640

$$640 \div 16 \times 11 = 440$$

3. $\frac{13}{20}$ of 900

$$900 \div 20 \times 13 = 585$$

4. $\frac{17}{25}$ of 1250

$$1250 \div 25 \times 17 = 850$$

5. $\frac{19}{24}$ of 720

$$720 \div 24 \times 19 = 570$$

6. $\frac{23}{30}$ of 1500

$$1500 \div 30 \times 23 = 1150$$

7. $\frac{31}{40}$ of 1600

$$1600 \div 40 \times 31 = 1240$$

8. $\frac{37}{50}$ of 2500

$$2500 \div 50 \times 37 = 1850$$

Missing Values and Reasoning

Name: _____

1. $\frac{3}{5}$ of $\square = 48$

2. $\frac{7}{8}$ of $\square = 98$

3. $\frac{\square}{12}$ of 180 = 75

4. $\frac{9}{\square}$ of 200 = 150

5. $\frac{4}{7}$ of 63 = $\square$

6. $\frac{11}{15}$ of 225 = $\square$

7. Compare $\frac{5}{8}$ of 120 with $\frac{7}{10}$ of 140. Which is greater? Justify.

8. Explain and correct: " $\frac{3}{4}$ of 84 = $84 \div 3 \times 4$ ".

Missing Values and Reasoning

Name: _____ **ANSWERS**

1. $\frac{3}{5}$ of $\square = 48$

80

2. $\frac{7}{8}$ of $\square = 98$

112

3. $\frac{\square}{12}$ of 180 = 75

5

4. $\frac{9}{\square}$ of 200 = 150

12

5. $\frac{4}{7}$ of 63 = $\square$

36

6. $\frac{11}{15}$ of 225 = $\square$

165

7. Compare $\frac{5}{8}$ of 160 with $\frac{7}{10}$ of 140. Which is greater? Justify.

$\frac{5}{8}$ of 160 = 100; $\frac{7}{10}$ of 140 = 98. 100 is greater than 98 by 2.

8. Explain and correct: " $\frac{3}{4}$ of 84 = $84 \div 3 \times 4$ ".

The denominator tells us to divide by 4, not 3. $84 \div 4 \times 3 = 63$.

Real-World Fraction Problems

Name: _____

Show your working. Write each answer as a full sentence with units.

1. A school library has 240 books on display. Three-fifths are fiction.
How many fiction books are on display?

2. A sports club has 360 members. Seven-twelfths are junior members.
How many junior members are there?

3. A water tank holds 960 L when full. It is five-eighths full.
How many litres of water are in the tank?

4. A theatre has 800 seats. Nine-tenths are occupied.
How many seats are occupied?

5. A nursery has 450 native seedlings. Eleven-fifteenths are ready to plant.
How many native seedlings are ready?

PREVIEW

Real-World Fraction Problems

Name: ANSWERS

Show your working. Write each answer as a full sentence with units.

1. A school library has 240 books on display. Three-fifths are fiction.
How many fiction books are on display?

$$240 \div 5 \times 3 = 144.$$

There are 144 fiction books on display.

2. A sports club has 360 members. Seven-twelfths are junior members.
How many junior members are there?

$$360 \div 12 \times 7 = 210.$$

There are 210 junior members.

3. A water tank holds 960 L when full. It is five-eighths full.
How many litres of water are in the tank?

$$960 \div 8 \times 5 = 600.$$

There are 600 L of water in the tank.

4. A theatre has 850 seats. Nine-tenths are occupied.
How many seats are occupied?

$$850 \div 10 \times 9 = 765.$$

There are 765 occupied seats.

5. A nursery has 450 native seedlings. Eleven-fifteenths are ready to plant.
How many native seedlings are ready?

$$450 \div 15 \times 11 = 330.$$

There are 330 native seedlings ready to plant.

Multi-Step Fraction Challenges

Name: _____

Show each step and write a complete answer.

1.

A theatre has 480 tickets. Three-eighths are sold in the morning and five-twelfths are sold in the afternoon.
How many tickets remain?

2.

A marine survey counts 720 fish. Five-ninths are reef fish. Of the remaining fish, three-eighths are juveniles.
How many juvenile fish are there?

3.

A class has a \$96 project budget. Five-twelfths is spent on equipment and one-quarter is spent on transport.
How much remains?

4.

A market receives 840 pieces of fruit. Three-sevenths are apples. Of the remainder, five-twelfths are oranges.
How many pieces are other kinds of fruit?

Multi-Step Fraction Challenges

Name: **ANSWERS**

Show each step and write a complete answer.

- 1.** A theatre has 480 tickets. Three-eighths are sold in the morning and five-twelfths are sold in the afternoon.
How many tickets remain?

Morning: $480 \times \frac{3}{8} = 180.$

Afternoon: $480 \times \frac{5}{12} = 200.$

Remaining: $480 - 180 - 200 = 100$ tickets.

- 2.** A marine survey counts 720 fish. Five-ninths are reef fish. Of the remaining fish, three-eighths are juveniles.
How many juvenile fish are there?

Reef fish: $720 \times \frac{5}{9} = 400.$

Remaining: $720 - 400 = 320$

Juveniles: $320 \times \frac{3}{8} = 120$ fish.

- 3.** A class has a \$960 project budget. Five-twelfths is spent on equipment and one-quarter is spent on transport.
How much remains?

Equipment: $\$960 \times \frac{5}{12} = \$400.$

Transport: $\$960 \times \frac{1}{4} = \$240.$

Remaining: $\$960 - \$400 - \$240 = \$320.$

- 4.** A market receives 840 pieces of fruit. Three-sevenths are apples. Of the remainder, five-twelfths are oranges.
How many pieces are other kinds of fruit?

Apples: $840 \times \frac{3}{7} = 360.$

Remainder: 480.

Oranges: $480 \times \frac{5}{12} = 200.$

Other kinds: $480 - 200 = 280$ fruit.

Fractions of a Whole Assessment — Fluency and Strategy

Name: _____

Date: _____

1. $\frac{1}{8}$ of 240

2. $\frac{5}{6}$ of 90

3. $\frac{7}{12}$ of 144

4. $\frac{13}{20}$ of 400

5. $\frac{3}{5}$ of $\square$ = 72

6. $\frac{\square}{10}$ of 250 = 175

7. Estimate, then solve: $\frac{9}{16}$ of 800

8. Show an efficient strategy for $\frac{25}{40}$ of 640

PREVIEW

Fractions of a Whole Assessment — Fluency and Strategy

Name: **ANSWERS**

Date: _____

1. $\frac{1}{8}$ of 240

$240 \div 8 = 30$

2. $\frac{5}{6}$ of 90

$90 \div 6 \times 5 = 75$

3. $\frac{7}{12}$ of 144

$144 \div 12 \times 7 = 84$

4. $\frac{13}{20}$ of 400

$400 \div 20 \times 13 = 260$

5. $\frac{3}{5}$ of $\square = 72$

$\square = 120$

6. $\frac{\square}{10}$ of 250 = 175

$\square = 7$

7. Estimate, then solve: $\frac{9}{16}$ of 800

Estimate: about 400. Exact: $800 \div 16 \times 9 = 450$.

8. Show an efficient strategy for $\frac{25}{40}$ of 640

Simplify $25/40$ to $5/8$. $640 \div 8 \times 5 = 400$.

Fractions of a Whole Assessment — Apply and Explain

Name: _____

Date: _____

1. A venue sold seven-tenths of 450 tickets. How many tickets were sold?

2. A library has 960 books. Three-eighths are fiction and five-twelfths are information books. How many books remain in other categories?

3. Explain and correct: " $\frac{4}{7}$ of 126 = $126 \div 4 \times 7$ "

4. Create a fraction-of-quantity word problem and solve it.

5. Show two different methods for $\frac{3}{5}$ of 250.

Method 1	Method 2

Fractions of a Whole Assessment — Apply and Explain

Name: **ANSWERS**

Date: _____

1. A venue sold seven-tenths of 450 tickets. How many tickets were sold?

$$450 \div 10 \times 7 = 315 \text{ tickets.}$$

2. A library has 960 books. Three-eighths are fiction and five-twelfths are information books. How many books remain in other categories?

$$\text{Fiction: } 960 \times 3/8 = 360.$$

$$\text{Information: } 960 \times 5/12 = 400.$$

$$\text{Remaining: } 960 - 360 - 400 = 200 \text{ books.}$$

3. Explain and correct: “ $4/7$ of $126 = 126 \div 4 \times 7$ ”

- The denominator tells us to divide by 7, not 4. $126 \div 7 \times 4 = 72$.

4. Create a fraction-of-quantity word problem and solve it.

Example: A shop has 160 books. Three-eighths are novels. $160 \div 8 \times 3 = 60$ novels.

5. Show two different methods for $3/5$ of 250.

Method 1

$$250 \div 5 \times 3 = 150.$$

Method 2

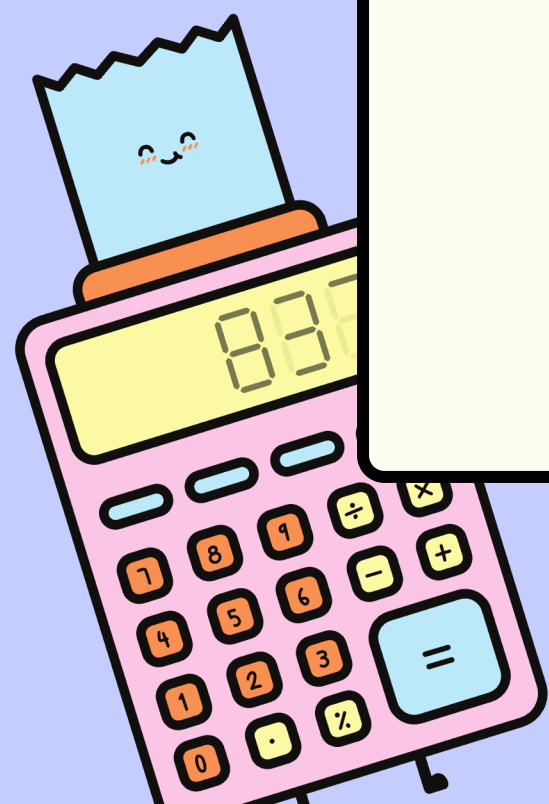
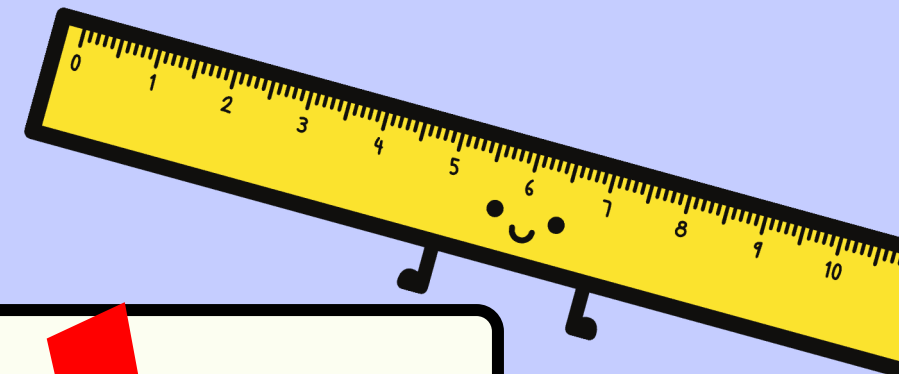
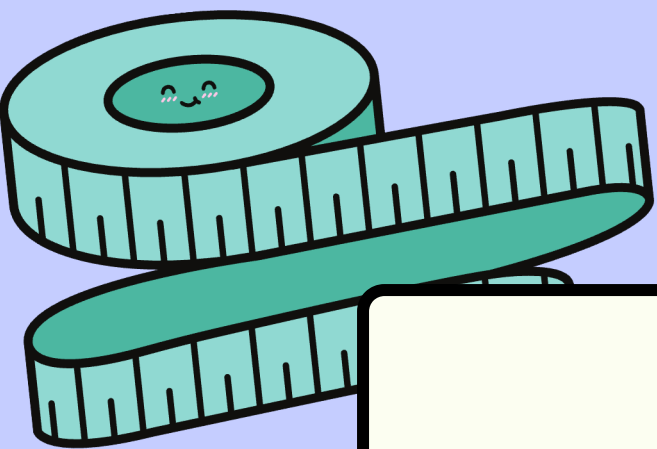
$$250 \times 3 \div 5 = 150.$$

Fractions of a Whole - Year 6 Rubric

Student: _____

Date: _____

Criteria	BEGINNING	DEVELOPING	ACHIEVING	CONFIDENT	EXCEEDING
1. Identify whole, fraction and unit fraction	Needs substantial support to identify wholes, fractions and unit fractions.	Identifies some wholes, fractions and unit fractions with support.	Identifies wholes, fractions and unit fractions in familiar situations.	Accurately identifies wholes, fractions and unit fractions in varied representations.	Accurately and flexibly identifies wholes, fractions and unit fractions in complex contexts.
2. Calculate accurately	Calculations often incorrect; relies on support and models.	Completes simple calculations with some errors and teacher support.	Calculates accurately for simple fractions of a whole.	Calculates accurately for a range of fractions of a whole, including equivalent fractions.	Calculates accurately and efficiently; applies knowledge to unfamiliar problems.
3. Choose efficient strategy and estimate	Strategy chosen for student; estimates not attempted or far from reasonable.	Uses a suggested strategy with support; estimates sometimes reasonable.	Chooses an appropriate strategy for the problem; reasonable estimates.	Selects efficient strategies independently; estimates are close to reasonable.	Chooses the most efficient strategy; estimates are accurate and justify thinking.
4. Model and explain reasoning	Models are unclear or incomplete; explanations are minimal with support.	Creates simple models with support; explains reasoning with prompts.	Creates clear models; explains reasoning using correct fraction language.	Creates effective models; explains reasoning clearly and logically.	Creates precise models; explains reasoning thoroughly and connects ideas in multiple ways.
5. Solve and check multi-step contexts	Needs help to understand the problem; steps incomplete; little or no checking.	Solves some steps with support; limited checking; may miss important details.	Solves multi-step problems with most steps correct; checks with some success.	Solves multi-step problems accurately; checks using effective methods.	Solves complex multi-step problems accurately and efficiently; checks and justifies solutions.



PREVIEW

Fractions of a Whole

Year 6



Learning Goal

Calculate fractions of whole-number quantities.

Model the process, explain each step and check that every answer is reasonable.



A Fraction Can Be an Operator

$\frac{3}{5}$ of 40 means: select 3 of 5 equal groups from a whole quantity of 40.

The word 'of' tells us to multiply after finding one equal group.



Step 1: Divide by the Denominator

The denominator tells us how many equal groups make the whole.

For $\frac{3}{5}$ of 40: $40 \div 5 = 8$.

One-fifth of 40 is 8.



Step 2: Multiply by the Numerator

The numerator tells us how many equal groups to select.

For $\frac{3}{5}$ of 40: $8 \times 3 = 24$.

Three-fifths of 40 is 24.



Worked Example

$\frac{3}{5}$ of 40

$$= 40 \div 5 \times 3$$

$$= 8 \times 3$$

$$= 24$$



Visualise Equal Groups

For $\frac{5}{8}$ of 64, partition a bar representing 64 into 8 equal groups.

Each group is 8 units. Shade 5 groups.

$$8 \times 5 = 40, \text{ so } \frac{5}{8} \text{ of } 64 = 40$$



Choose an Efficient Strategy

- Divide first when the whole is a multiple of the denominator.
- Simplify the fraction when that makes the calculation easier.
- Use familiar benchmarks such as one-half, one-quarter or one-tenth.



Check Reasonableness

Ask: Is the answer between 0 and the whole?

Compare the fraction with one-half.

For $\frac{7}{8}$ of 64, an answer close to 64 is reasonable; 56 passes the check.



Avoid a Common Error

Incorrect: $\frac{3}{4}$ of 84 = $84 \div 3 \times 4$.

The denominator divides the equal groups.

Correct: $84 \div 4 \times 3 = 63$.



Solve Word Problems

1. Identify the whole quantity.
2. Identify the fraction.
3. Decide what quantity is requested.
4. Calculate using the unit and check the result.



Worked Context

A club has 360 members. Seven twelfths are junior members.

$$360 \div 12 = 30$$

$$30 \times 7 = 210$$

There are 210 junior members.



Guided Practice

Calculate and explain:

A. $\frac{4}{5}$ of 125

B. $\frac{5}{8}$ of 160

Check each result against one-half and the whole.



Reasoning Challenge

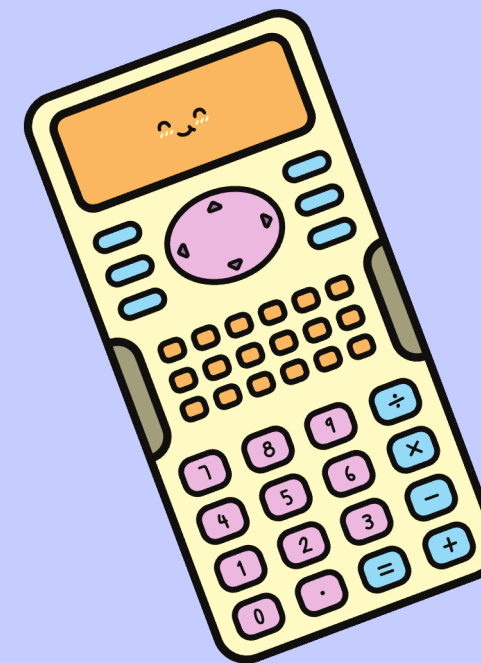
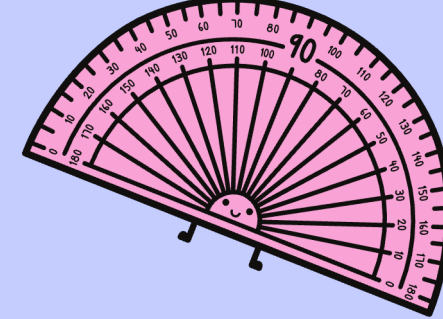
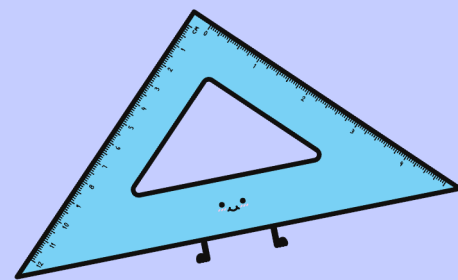
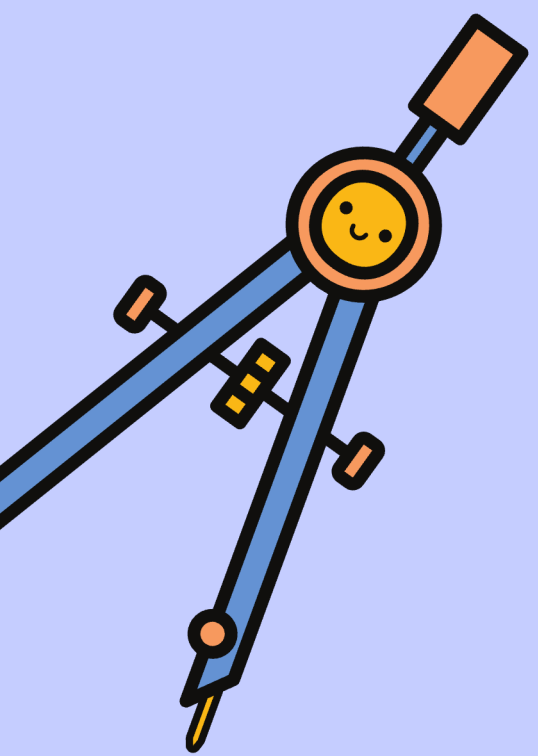
Which is greater: $\frac{5}{8}$ of 160 or $\frac{7}{10}$ of 140.

$$\frac{5}{8} \text{ of } 160 = 100$$

$$\frac{7}{10} \text{ of } 140 = 98$$

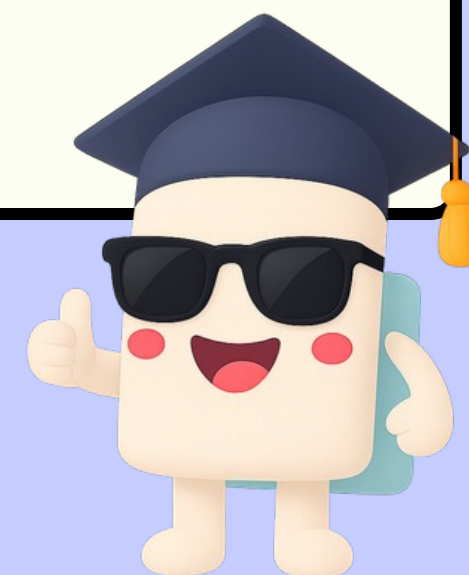
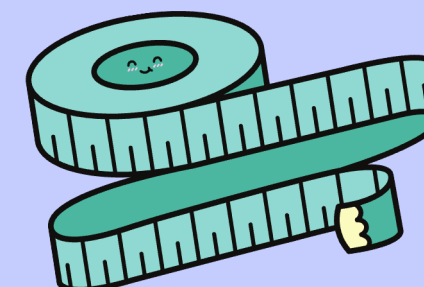
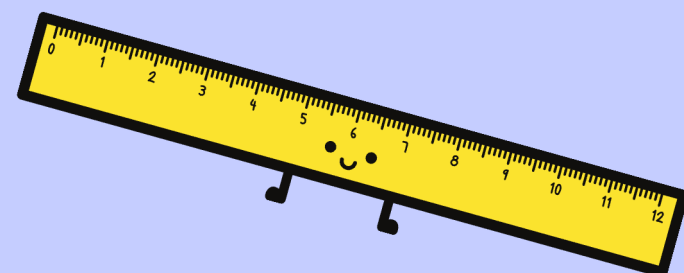
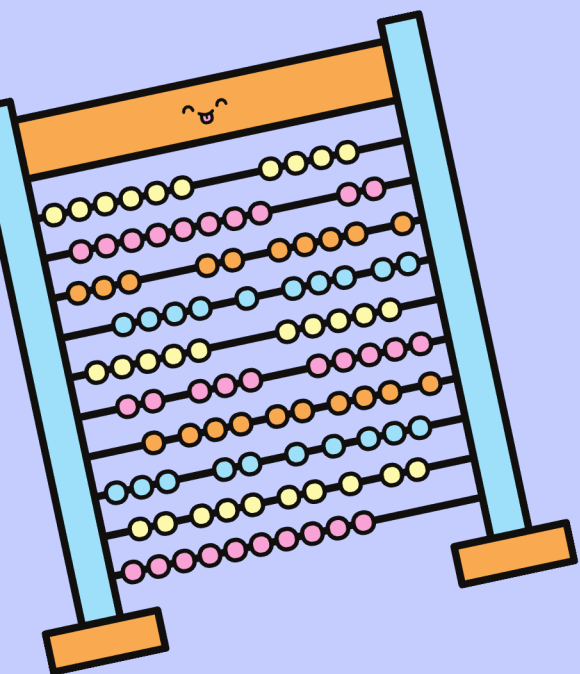
Explain why 100 is greater by 2.





PREVIEW

Well Done!



PREVIEW

Fractions of a Whole
Quiz – Year 6



Question 1 – True or False

PREVIEW

$\frac{1}{6}$ of 72 is 12.



Answer 1

PREVIEW

TR 4

$$72 \div 6 = 12.$$



Question 2 – Short Answer

PREVIEW

Calculate $\frac{3}{5}$ of 80.



Answer 2

PREVIEW

$$80 \div 4 = 20$$
$$20 \times 3 = 48.$$



Question 3 – Multiple Choice

Calculate $\frac{1}{4}$ of 64.

A. 48 B. 34 C. 56 D. 60



Answer 3

PREVIEW

C. 6

$$64 \div 8 \times 7 = 56.$$



Question 4 – True or False

To find $\frac{4}{9}$ of a quantity, divide by 4 first.

PREVIEW



Answer 4

PREVIEW

FALSE

Divide by the denominator, 9, before multiplying by 4.



Question 5 – Short Answer

PREVIEW

Calculate $11/12$ of 144.



Answer 5

PREVIEW

$$14 \times 12 \times 11 = 132.$$



Question 6 – Multiple Choice

$\frac{5}{8}$ of a number is 75. What is the whole number?

A. 96 B. 100 C. 120 D. 128



Answer 6

PREVIEW

C. 120

$$75 \div 5 \times 8 = 120.$$



Question 7 – Context

A venue sold $\frac{3}{10}$ of 450 tickets.

How many tickets were sold?



Answer 7

PREVIEW

135 tickets
 $50 + 10 \times 3 = 135.$



Question 8 – Compare

Which is greater?

A. $5/6$ of 60

B. $7/10$ of 140

C. They are equal

D. There is not enough information



Answer 8

PREVIEW

A. 5% of 60

5% of 100 = 5 and 7% of 140 = 9.8. $5 + 9.8 = 14.8$ and $100 - 14.8 = 85.2$.

100 is greater than 98.



Question 9 – True or False

PREVIEW

5/20 of 400 is 260.



Answer 9

PREVIEW

There

$$100 \div 20 \times 13 = 260.$$



Question 10 – Multi-Step

Of 480 tickets, $\frac{3}{8}$ were sold in the morning and $\frac{5}{12}$ in the afternoon.

How many tickets remain?



Answer 10

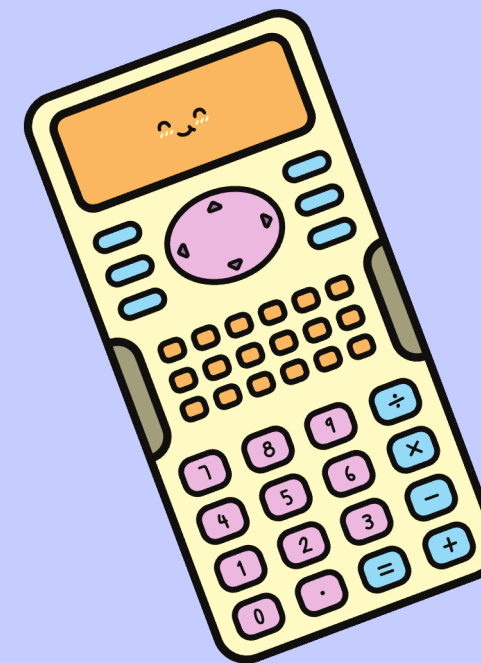
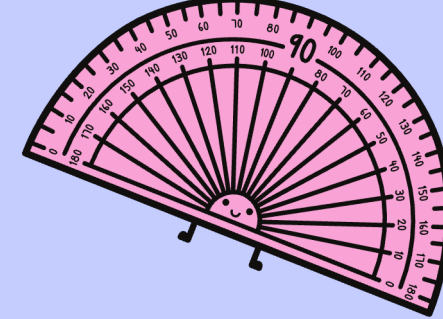
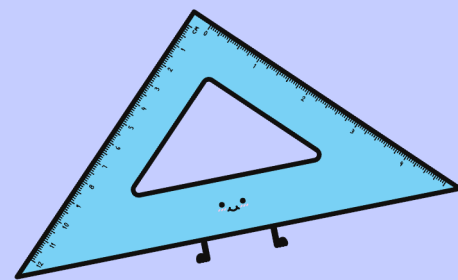
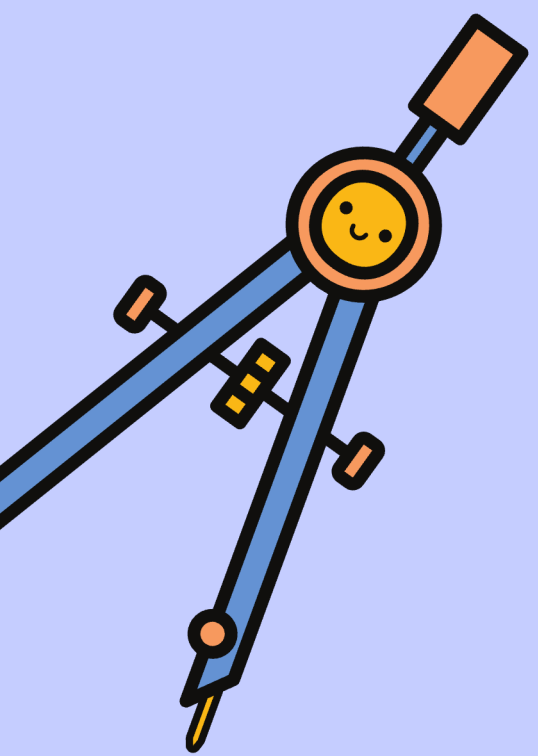
100 tickets remain.

Morning: $480 \times 3/8 = 180$

Afternoon: $480 \times 5/12 = 200$

$$480 - 180 - 200 = 100$$





PREVIEW

Well Done!

