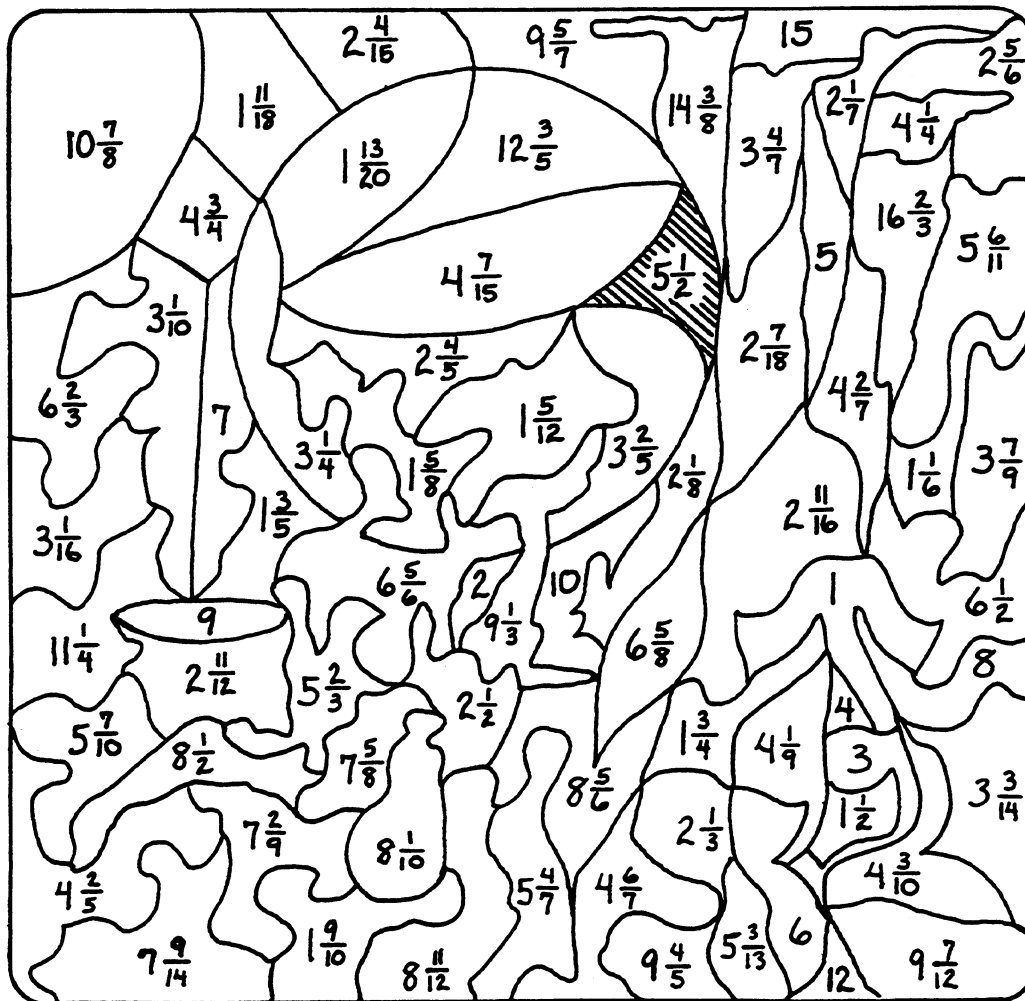


CAN'T BEAT THIS ONE!

Simplify each improper fraction. Then shade in the area in the puzzle picture that shows the correct answer. The first one is done for you.

- | | | | | |
|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1) $\frac{11}{2} = 5\frac{1}{2}$ | 7) $\frac{21}{12} =$ | 13) $\frac{51}{9} =$ | 19) $\frac{34}{4} =$ | 25) $\frac{35}{15} =$ |
| 2) $\frac{41}{6} =$ | 8) $\frac{61}{9} =$ | 14) $\frac{15}{6} =$ | 20) $\frac{67}{15} =$ | 26) $\frac{63}{5} =$ |
| 3) $\frac{28}{10} =$ | 9) $\frac{13}{4} =$ | 15) $\frac{68}{13} =$ | 21) $\frac{24}{4} =$ | 27) $\frac{34}{8} =$ |
| 4) $\frac{63}{7} =$ | 10) $\frac{27}{9} =$ | 16) $\frac{43}{19} =$ | 22) $\frac{50}{3} =$ | 28) $\frac{25}{7} =$ |
| 5) $\frac{43}{16} =$ | 11) $\frac{60}{14} =$ | 17) $\frac{26}{16} =$ | 23) $\frac{33}{20} =$ | 29) $\frac{13}{13} =$ |
| 6) $\frac{68}{20} =$ | 12) $\frac{17}{12} =$ | 18) $\frac{37}{9} =$ | 24) $\frac{56}{6} =$ | 30) $\frac{81}{10} =$ |



<u>PAGE</u>	<u>TITLE</u>	<u>DESCRIPTION</u>
21	WATCH YOUR STEP! (message puzzle)	Divide a fraction by a mixed number (or the reverse).
22	STAY IN TUNE (shading puzzle)	Divide a fraction by a whole number (or the reverse).
23	A WARM MESSAGE (matching message puzzle)	Divide a mixed number by a whole number (or the reverse).
24-25	YOUNG AND OLD (draw-a-picture puzzle)	Divide mixed numbers.
26-27	PACK YOUR TRUNK (dot-to-dot puzzle)	Divide combinations of mixed numbers, fractions, and whole numbers (review of pages 25 to 29).
28-29	DOWN UNDER (message puzzle)	Review all division skills.

MIXING OPERATIONS

30	THE LATEST FASHION (matching message puzzle)	Multiply or divide fractions.
31-32	BIG BUCKS (shading puzzle)	Multiply or divide combinations of mixed numbers, fractions, and whole numbers.
33-34	WATCHFUL EYES (message puzzle)	Solve word problems involving multiplication or division of fractions and mixed numbers.
35-36	A BIT OF NONSENSE (draw-a-picture puzzle)	Fractions review: add, subtract, multiply, and divide.

MULTIPLYING AND DIVIDING FRACTIONS

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<u>PAGE</u>	<u>TITLE</u>	<u>DESCRIPTION</u>
1	CAN'T BEAT THIS ONE! (shading puzzle)	Simplify improper fractions such as $\frac{13}{4}$
<u>MULTIPLICATION SKILLS</u>		
2	CLEVER CONVERSATION (matching message puzzle)	Multiply two fractions; no canceling.
3	SLEEP WALKER (message puzzle)	Multiply two fractions; single cancel.
4-5	GOOD AS GOLD (shading puzzle)	Multiply two or three fractions; two or more cancels.
6	HIGH AND MIGHTY (message puzzle)	Rewrite whole or mixed numbers as improper fractions (prerequisite to multiplying or dividing mixed numbers).
7	WHAT A HEADACHE (matching message puzzle)	Multiply a fraction times a whole number, including problems in the form " $\frac{3}{4}$ of 20 is _____."
8	BUCKET BRIGADE (dot-to-dot puzzle)	Multiply a fraction times a mixed number.
9	EVERYONE "NOSE" THAT! (matching message puzzle)	Multiply a whole number times a mixed number.
10-11	GROUNDS FOR LAUGHTER (draw-a-picture puzzle)	Multiply two or three mixed numbers.
12-13	EAST OR WEST? (shading puzzle)	Multiply combinations of mixed numbers, fractions, and whole numbers (review of pages 11 to 15).
14-15	HALF DONE (dot-to-dot puzzle)	Review all multiplication skills.
16-17	KNOCK, KNOCK . . . (message puzzle)	Solve word problems involving multiplication of fractions and mixed numbers.
<u>DIVISION SKILLS</u>		
18	KING-SIZE HEARTS (matching message puzzle)	Divide fractions; no canceling.
19-20	A MEAL FIT FOR A KING (draw-a-picture puzzle)	Divide fractions; canceling.