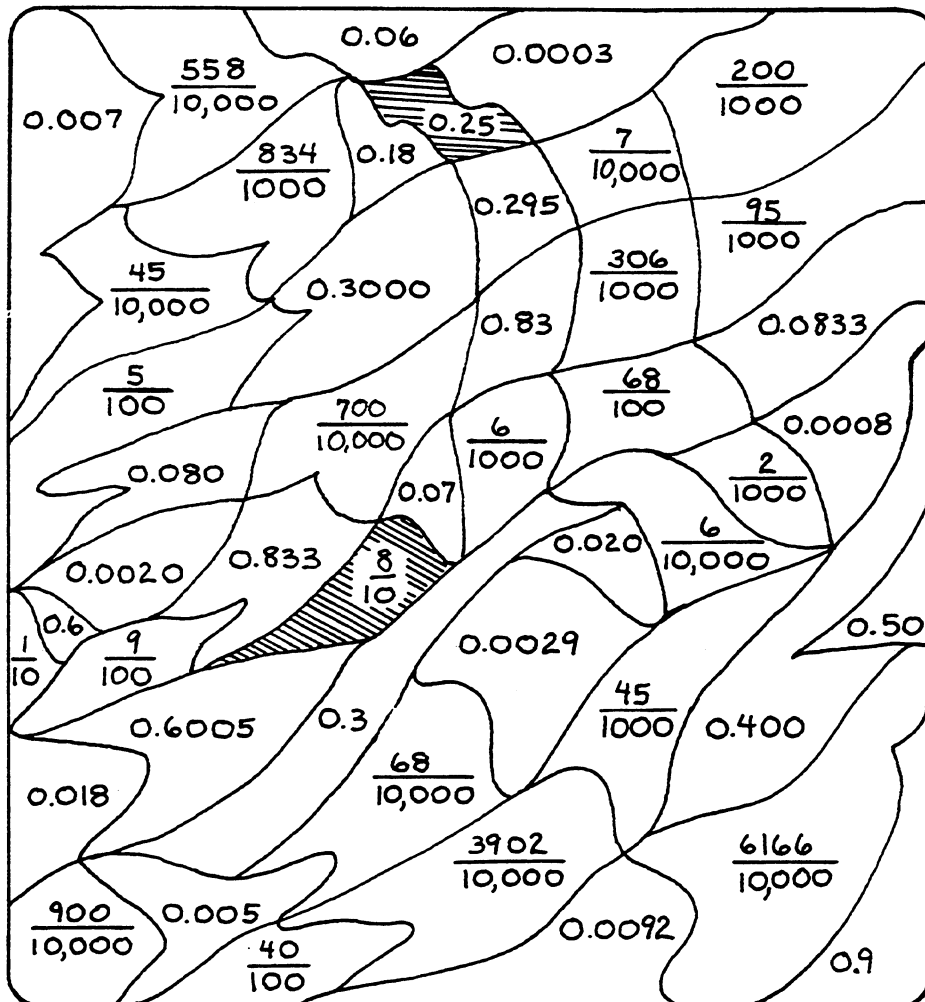


HIGH JUMPERS

Write the decimal or fraction equivalent for each problem. (Do *not* reduce any fractions.) Then shade each area in the puzzle picture that shows a correct answer. The first two are done for you.

- | | | | |
|----------------------------|---------------------------|-----------------------------|---------------------------|
| 1) $0.8 = \frac{8}{10}$ | 9) $\frac{80}{1000} =$ | 17) $\frac{6005}{10,000} =$ | 25) $0.0900 =$ |
| 2) $\frac{25}{100} = 0.25$ | 10) $0.006 =$ | 18) $0.0558 =$ | 26) $\frac{83}{100} =$ |
| 3) $0.68 =$ | 11) $0.6166 =$ | 19) $\frac{50}{100} =$ | 27) $\frac{3}{10,000} =$ |
| 4) $\frac{295}{1000} =$ | 12) $\frac{18}{1000} =$ | 20) $0.3902 =$ | 28) $0.05 =$ |
| 5) $0.0045 =$ | 13) $0.306 =$ | 21) $\frac{9}{10} =$ | 29) $\frac{400}{1000} =$ |
| 6) $0.200 =$ | 14) $\frac{92}{10,000} =$ | 22) $\frac{7}{1000} =$ | 30) $\frac{3}{10} =$ |
| 7) $\frac{6}{100} =$ | 15) $0.40 =$ | 23) $0.095 =$ | 31) $0.834 =$ |
| 8) $\frac{833}{10,000} =$ | 16) $0.0007 =$ | 24) $0.1 =$ | 32) $\frac{20}{10,000} =$ |



<u>PAGE</u>	<u>TITLE</u>	<u>DESCRIPTION</u>
22-23	MUNCH, MUNCH . . . (draw-a-picture puzzle)	Move the decimal point the correct number of places in division problems, annexing zeroes in the dividend required. Do not complete the computation. (Pre-requisite skill.)
24-25	CHECK THIS OUT! (message puzzle)	Divide a whole number or a decimal number by a decimal number.
26	BALANCING ACT (matching message puzzle)	Divide; after moving the decimal point, must annex zero(es) to dividend to complete the problem; includes whole number divided by whole number.
27-28	GOING BANANAS (shading puzzle)	Review division of decimal numbers.
29-30	DID YOU CATCH IT? (message puzzle)	Solve word problems involving multiplication or division of decimal numbers.
31-32	WRINKLE REMOVER (dot-to-dot puzzle)	Review all four operations with decimal numbers.
33-34	BIG TALKER (draw-a-picture puzzle)	Round decimal numbers to the nearest whole number, tenth, hundredth, or thousandth.
35-36	SEW WHAT? (message puzzle)	Divide; round the answer to a specified number of places.

DECIMAL NUMBERS

510BA05

<u>PAGE</u>	<u>TITLE</u>	<u>DESCRIPTION</u>
1	HIGH JUMPERS (shading puzzle)	Convert between decimal fractions (one to four decimal places) and proper fractions.
2	LAW AND ORDER? (message puzzle)	Locate decimal numbers (one to three decimal places) on number lines.
3-4	WRAPPED IN SOUND (draw-a-picture puzzle)	Read and write decimal numbers; review of decimal place value.
5	A TACKY PUZZLE (dot-to-dot puzzle)	Add two numbers with the same number of decimal places.
6	SAFETY FIRST (message puzzle)	Add two numbers of uneven decimal length, for example, $3.2 + 0.768$.
7	AWFUL AWARD (matching message puzzle)	Add a decimal number and a whole number, for example, $36 + 0.72$.
8-9	TAKE A SHOT! (shading puzzle)	Review addition of decimal numbers; many problems have three or four addends.
10	SCARED STIFF (matching message puzzle)	Subtract numbers with the same number of decimal places.
11	BLOW YOUR HORN! (message puzzle)	Subtract; the first number has more decimal places than the second number; in some problems the second number is a whole number.
12	A DRIPPY PUZZLE (dot-to-dot puzzle)	Subtract; the first number is a whole number or has fewer decimal places than the second number.
13-14	IT'S IN THE POCKET (draw-a-picture puzzle)	Review subtraction of decimal numbers.
15-16	PASSING PICTURE (message puzzle)	Solve word problems involving addition or subtraction of decimal numbers.
17	ONE SOFT COAT (matching message puzzle)	Multiply two decimal numbers or a decimal number and a whole number.
18	WINTER SKY (message puzzle)	Multiply two decimal numbers; must annex zero(es) to the product when placing the decimal point, for example, $0.016 \times 0.03 = 0.00048$.
19-20	FINE FEATHERED FRIEND (shading puzzle)	Review multiplication of decimal numbers.
21	WHAT A WAY TO SING! (matching message puzzle)	Divide a decimal number by a 1- or 2-digit whole number.