

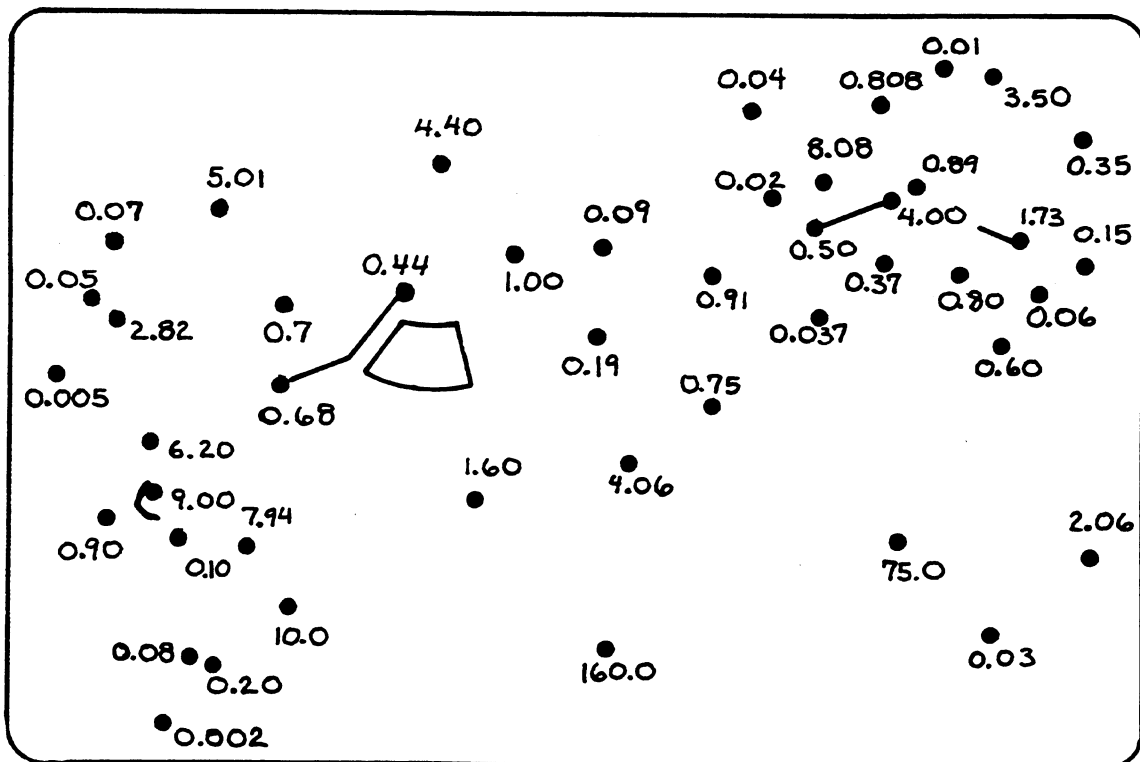
# A PROP - ER PUZZLE

Write each percent in decimal form. Then connect your answers in order.

- 1) 37% =
- 2) 6% =
- 3) 15% =
- 4) 173% =
- 5) 350% =
- 6) 1% =
- 7) 89% =
- 8) 400% =
- 9) 808% =
- 10) 2% =

- 11) 50% =
- 12) 91% =
- 13) 9% =
- 14) 100% =
- 15) 44% =
- 16) 501% =
- 17) 7% =
- 18) 68% =
- 19) 620% =
- 20) 282% =

- 21) 5% =
- 22) 20% =
- 23) 8% =
- 24) 900% =
- 25) 107% =
- 26) 794% =
- 27) 160% =
- 28) 3% =
- 29) 206% =
- 30) 75% =
- 31) 80% =



<u>PAGE</u>	<u>TITLE</u>	<u>DESCRIPTION</u>
<u>Unknown percent; problems of the type _____% of y is z.</u>		
21-22	DON'T CRACK UP! (dot-to-dot puzzle)	Solve problems of the type _____% of y is z (may also be stated in the form z is _____% of y); whole number percents.
23-24	BOOT CAMP (draw-a-picture puzzle)	Solve problems of the type described for pages 25-26, except many percents are mixed numbers or have one or two decimal places.
25-26	CHAIRMAN (shading puzzle)	Solve problems of the type _____% of y is z; many problems require rounding the answer to the nearest whole percent.
27-28	I SEE! (message puzzle)	Solve word problems of the type _____% of y is z; whole number percents.
<u>All three types of percent problems.</u>		
29	PACHYDERM PUNCTUATION (message puzzle)	Choose correct estimate to percent problems of all three types; whole number percents.
30-31	HALF AND HALF (draw-a-picture puzzle)	Solve problems of all three types; whole number percents.
32	NO GLASSES NEEDED (matching message puzzle)	Solve problems of all three types; mixed number percents, or percents with one or two decimal places.
33-34	THREE OF A KIND (shading puzzle)	Solve problems of all three types; all types of percents (whole, mixed, decimal).
35-36	A BAD DEAL (message puzzle)	Solve word problems of all three types; whole number percents.

# PERCENT

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<u>PAGE</u>	<u>TITLE</u>	<u>DESCRIPTION</u>
1	A PROP-ER PUZZLE (dot-to-dot puzzle)	Write whole number percents, from 1% to 999%, in decimal form.
2	NIGHT OWLS? (message puzzle)	Write mixed number percents, such as $10\frac{1}{2}\%$ , or percents with one or two decimal places, such as 6.25%, in decimal form.
3	SHADY PERCENTS (shading puzzle)	Write decimal numbers, with 1-4 decimal places, as percents.
4	A REAL TEAR-JERKER (matching message puzzle)	Write percents less than 100% as fractions; some fraction equivalents are thirds, sixths, or eighths.
	<u>Find percent "of" a number; problems of the type <math>x\%</math> of <math>y</math> is _____ .</u>	
5	MONEY TALKS (dot-to-dot puzzle)	Solve problems of the type $x\%$ of $y$ is _____; whole number percents.
6-7	GET AHEAD WITH THIS PUZZLE (message puzzle)	Solve word problems of the type described for page 9.
8	WHAT A WORD! (matching message puzzle)	Solve problems of the type $x\%$ of $y$ is _____; mixed number percents, or percents with one or two decimal places.
9-10	A SOUR NOTE (draw-a-picture puzzle)	Review; solve problems of the type $x\%$ of $y$ is _____; all types of percents (whole, mixed, decimal).
11-12	ROAD HOG (message puzzle)	Solve word problems of the type $x\%$ of $y$ is _____; all types of percents.
	<u>Unknown base; problems of the type <math>x\%</math> of _____ is <math>z</math>.</u>	
13	IMPORTANT DELIVERY (matching message puzzle)	Solve problems of the type $x\%$ of _____ is $z$ (may also be stated in the form $z$ is $x\%$ of _____); whole number percents.
14	ENERGY SAVER (dot-to-dot puzzle)	Solve problems of the type described for page 17, except using mixed number percents or percents with one or two decimal places.
15-16	WESTERN WEATHER (draw-a-picture puzzle)	Solve problems of the type $x\%$ of _____ is $z$ ; all types of percents (whole, mixed, decimal).
17-18	WHAT A COVER UP! (message puzzle)	Solve word problems of the type $x\%$ of _____ is $z$ ; whole number percents.
19-20	THE FAR SIDE (shading puzzle)	Review; solve percent problems of two types, $x\%$ of $y$ is _____, and $x\%$ of _____ is $z$ .