

Understanding Percentages

MOST OF THE TIME YOU CAN NOT SEPARATE SOMETHING INTO 100, BUT YOU CAN STILL USE PERCENTS. CHECK OUT THE EXAMPLES BELOW.

25% ALSO MEANS:

- 1 OUT OF 4
- 2 OUT OF 8
- 3 OUT OF 12
- 4 OUT OF 16

THESE ALL MEAN: $\frac{1}{4}$

50% ALSO MEANS:

- 1 OUT OF 2
- 2 OUT OF 4
- 3 OUT OF 6
- 4 OUT OF 8

THESE ALL MEAN: $\frac{1}{2}$

75% ALSO MEANS:

- 3 OUT OF 4
- 6 OUT OF 8
- 9 OUT OF 12
- 12 OUT OF 16

THESE ALL MEAN: $\frac{3}{4}$

FOLLOW THE DIRECTIONS FOR EACH PROBLEM.

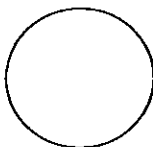
① A

CIRCLE 75% OF THE STARS.



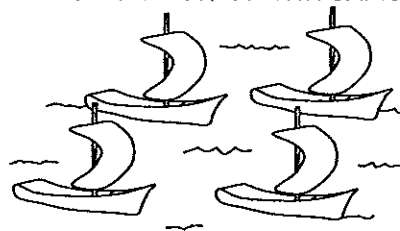
②

SHADE 50% OF THE CIRCLE.



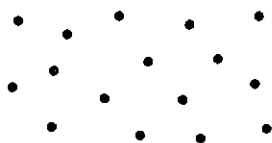
③ A

SHADE 25% OF THE SAILS.



B C ④

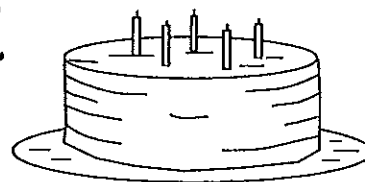
CIRCLE 75% OF THE DOTS.



⑤

LIGHT 100% OF THE CANDLES.

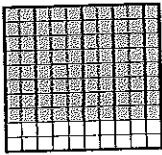
B
C



FRANK ATE 25% OF THE CAKE.
IF THERE WERE 20 PIECES, HOW
MANY PIECES DID HE EAT? _____

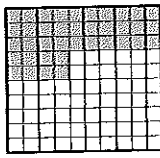
WRITE THE FRACTION AND PERCENT OF THE SHADED AMOUNT IN EACH LARGE SQUARE.

⑥
A



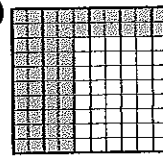
FRACTION:
PERCENT:

⑦
A
B



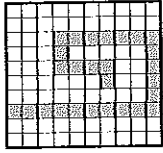
FRACTION:
PERCENT:

⑧
B



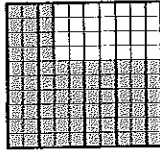
FRACTION:
PERCENT:

B
C
⑨



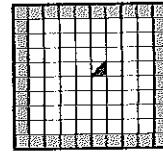
FRACTION:
PERCENT:

⑩
C



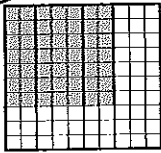
FRACTION:
PERCENT:

⑪
B
C



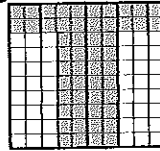
FRACTION:
PERCENT:

⑫



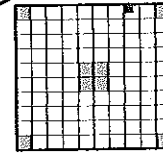
FRACTION:
PERCENT:

⑬



FRACTION:
PERCENT:

⑭
C



FRACTION:
PERCENT:

FILL IN THE EMPTY SPACES USING "OUT OF 100" OR A FRACTION OR "HUNDREDTHS".

⑮ 25% MEANS: 25 OUT OF 100 OR $\frac{25}{100}$ OR 25 HUNDREDTHS

ABC ⑯ 4% MEANS: _____ OR _____ OR _____

ABC ⑰ 91% MEANS: _____ OR _____ OR _____

ABC ⑱ 46% MEANS: _____ OR _____ OR _____

AB ⑲ 30% MEANS: _____ OR _____ OR _____

⑳ 75% MEANS: _____ OR _____ OR _____

㉑ 18% MEANS: _____ OR _____ OR _____

㉒ 100% MEANS: _____ OR _____ OR _____

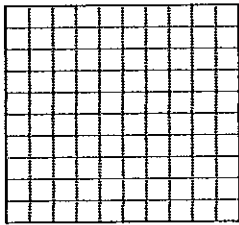
㉓ 10% MEANS: _____ OR _____ OR _____

㉔ 83% MEANS: _____ OR _____ OR _____

SHADE THE SQUARES FOR EACH PERCENT OR FRACTION.

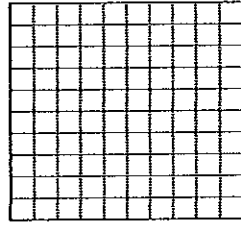
ABC

(25) SHADE 89%

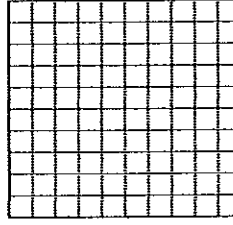


ABC

(26) SHADE $\frac{1}{4}$ %

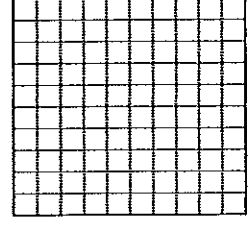


(27) SHADE 95%

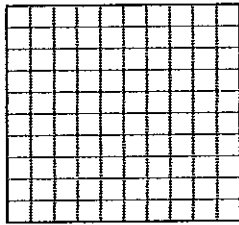


A

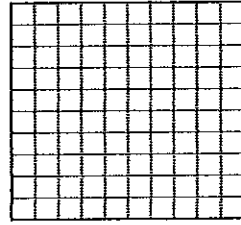
(28) SHADE 61%



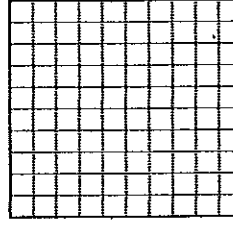
(29) A SHADE $\frac{17}{100}$



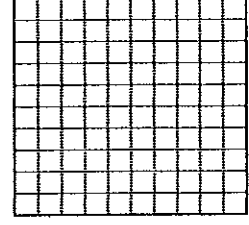
(30) C SHADE $\frac{1}{2}$ %



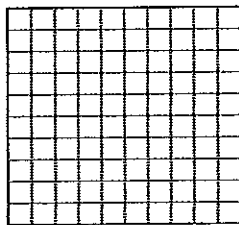
(31) SHADE $\frac{28}{100}$



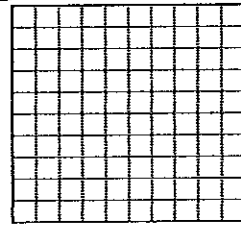
(32) SHADE $\frac{50}{100}$



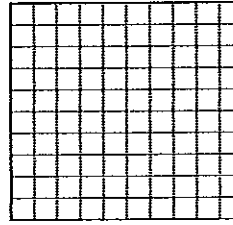
(33) A SHADE $\frac{33}{100}$



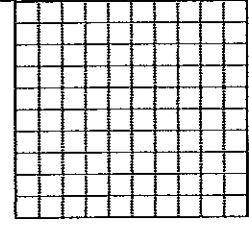
(34) C, B SHADE $\frac{1}{3}$ %



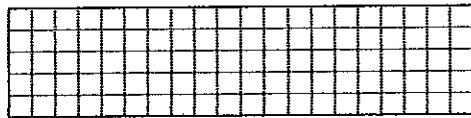
(35) SHADE $\frac{75}{100}$



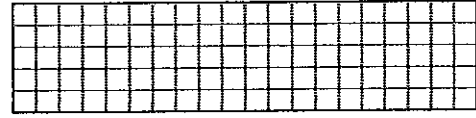
(36) SHADE 25%



(37) SHADE 77%



(38) SHADE $\frac{19}{100}$



FILL IN THE EMPTY BOXES SHOWING EACH PERCENT FOUR DIFFERENT WAYS.

ABC

ABC

ABC

	OUT OF 100	FRACTION	HUNDREDTHS	PERCENT SIGN
(39)	5 OUT OF 100	$\frac{5}{100}$	5 HUNDREDTHS	5%
(40)			50 HUNDREDTHS	
(41)				68%
(42)		$\frac{49}{100}$		
(43)	33 OUT OF 100			
(44)				37%
(45)			99 HUNDREDTHS	
(46)		$\frac{80}{100}$		
(47)	2 OUT OF 100			