

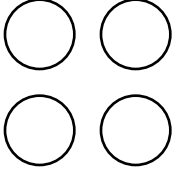
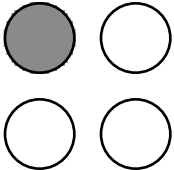
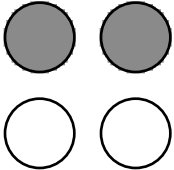
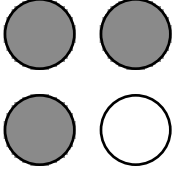
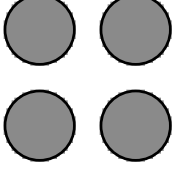


**Fractions,
Decimals
and
Percents**




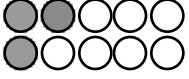
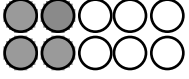
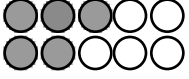
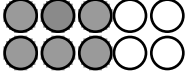
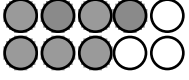
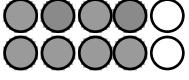
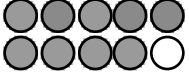
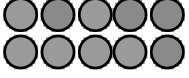
Sample pages

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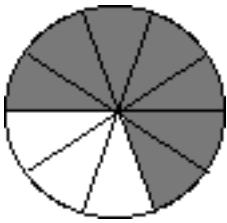
Complete the following table:

Picture	In Words	Fraction	Decimal	Percent
 <p>Shade zero out of four</p>	zero	$\frac{0}{4}$	0	0%
 <p>Shade one out of four</p>	one fourth	$\frac{1}{4}$	0.25	25%
 <p>Shade two out of four</p>	one half	$\frac{2}{4}$	0.5	50%
 <p>Shade three out of four</p>	three fourths	$\frac{3}{4}$	0.75	75%
 <p>Shade four out of four</p>	one whole	$\frac{4}{4}$	1	100%

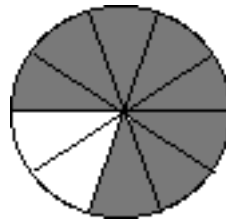
Percents

Picture	Word	Fraction	Decimal	Percent
	zero out of ten	$\frac{0}{10}$	0	0 %
	one out of ten	$\frac{1}{10}$	0.1	10 %
	two out of ten	$\frac{2}{10}$	0.2	20 %
	three out of ten	$\frac{3}{10}$	0.3	30 %
	four out of ten	$\frac{4}{10}$	0.4	40 %
	five out of ten	$\frac{5}{10} = \frac{1}{2}$	0.5	50 %
	six out of ten	$\frac{6}{10}$	0.6	60 %
	seven out of ten	$\frac{7}{10}$	0.7	70 %
	eight out of ten	$\frac{8}{10}$	0.8	80 %
	nine out of ten	$\frac{9}{10}$	0.9	90 %
	ten out of ten	$\frac{10}{10}$	1.0	100 %

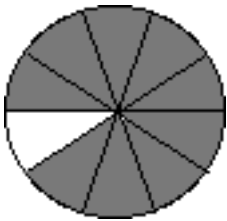
Pie Charts, Fractions and Percents



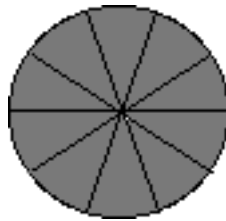
Shade 70%. What percent is not shaded? **30%**
What fractional part is shaded? _____
What fractional part is not shaded? _____



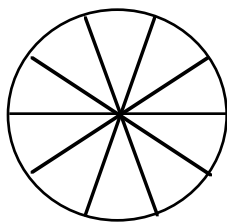
Shade 80%. What percent is not shaded? **20%**
What fractional part is shaded? _____
What fractional part is not shaded? _____



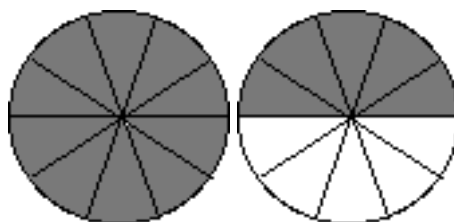
Shade 90%. What percent is not shaded? **10%**
What fractional part is shaded? _____
What fractional part is not shaded? _____



Shade 100%. What percent is not shaded? **0%**
What fractional part is shaded? _____
What fractional part is not shaded? _____



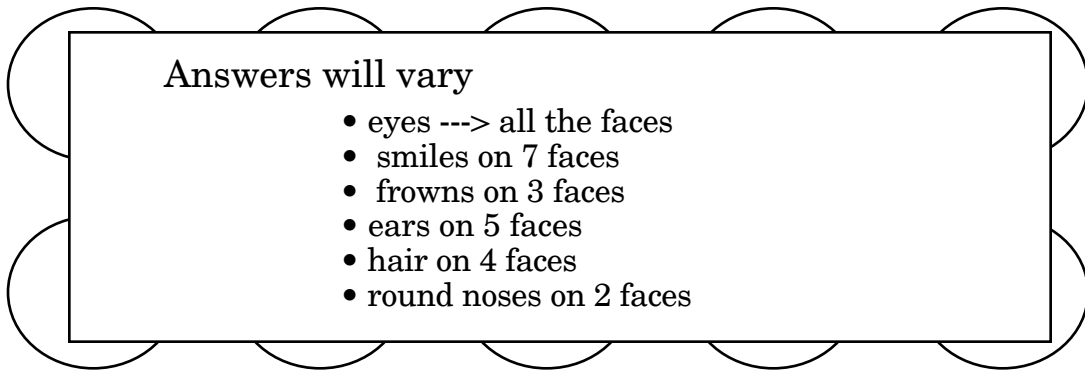
Shade 0%. What percent is not shaded? **100%**
What fractional part is shaded? _____
What fractional part is not shaded? _____



Shade 150%. What percent is not shaded? **50%**
What fractional part is shaded? _____

Percent Review

1) The circles are faces.



Answers will vary

- eyes ---> all the faces
- smiles on 7 faces
- frowns on 3 faces
- ears on 5 faces
- hair on 4 faces
- round noses on 2 faces

Draw eyes on 100% of the faces.

Put smiles on 70% of the faces.

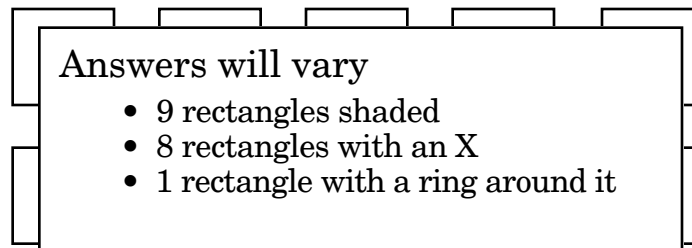
Put frowns on 30% of the faces.

Give 50% of the faces ears.

Put hair on 40% of the heads.

Put round noses on 20% of the faces.

2)



Answers will vary

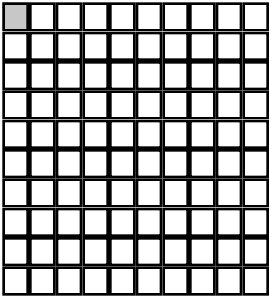
- 9 rectangles shaded
- 8 rectangles with an X
- 1 rectangle with a ring around it

Shade 90% of all rectangles.

Put an X inside 80%.

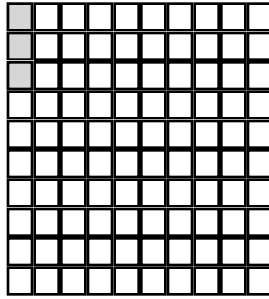
Make a ring around 10% of the rectangles.

One Percent



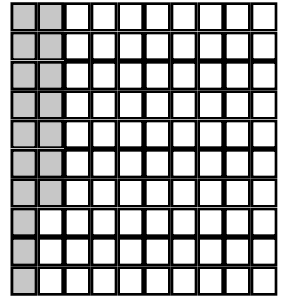
Shade 1%

$$1\% = \frac{1}{100} = 0.01$$



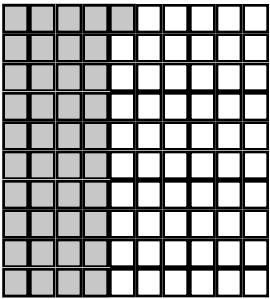
Shade 3%

$$3\% = \frac{3}{100} = 0.03$$



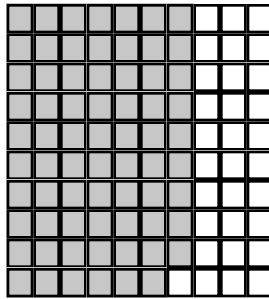
Shade 17%

$$17\% = \frac{17}{100} = 0.17$$



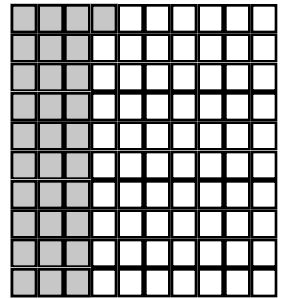
Shade 41%

$$41\% = \frac{41}{100} = 0.41$$



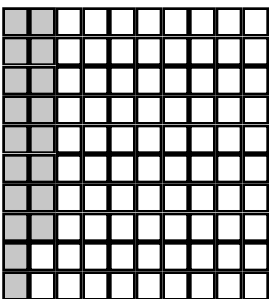
Shade 69%

$$69\% = \frac{69}{100} = 0.69$$



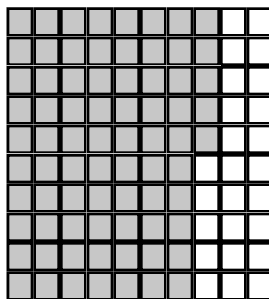
Shade 31%

$$31\% = \frac{31}{100} = 0.31$$



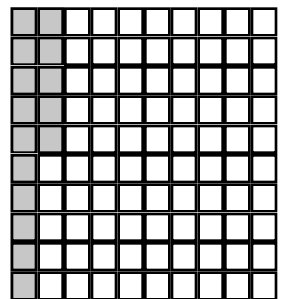
Shade 18%

$$18\% = \frac{18}{100} = 0.18$$



Shade 75%

$$75\% = \frac{75}{100} = 0.75$$



Shade 15%

$$15\% = \frac{15}{100} = 0.15$$