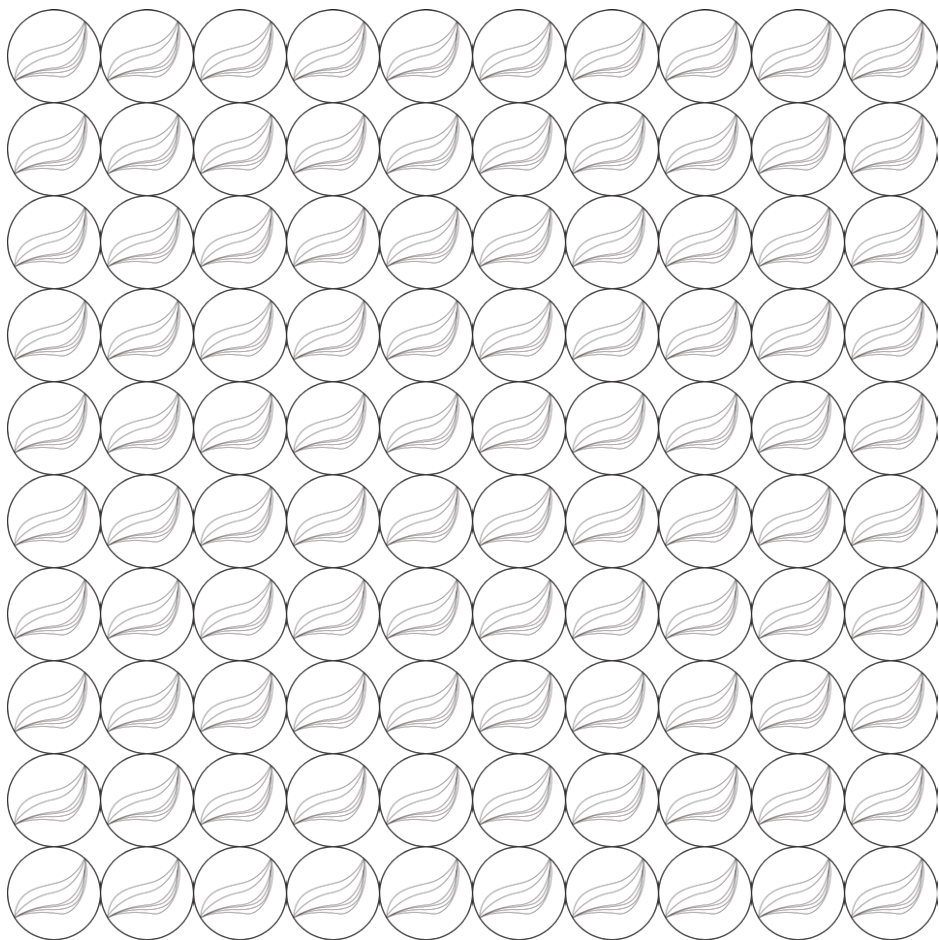


# 100 Marbles

I can write percentages as a fraction with denominator 100, and as a decimal.



Here is a bag of one hundred marbles. Use the information to complete the table and colour in the marbles correctly.

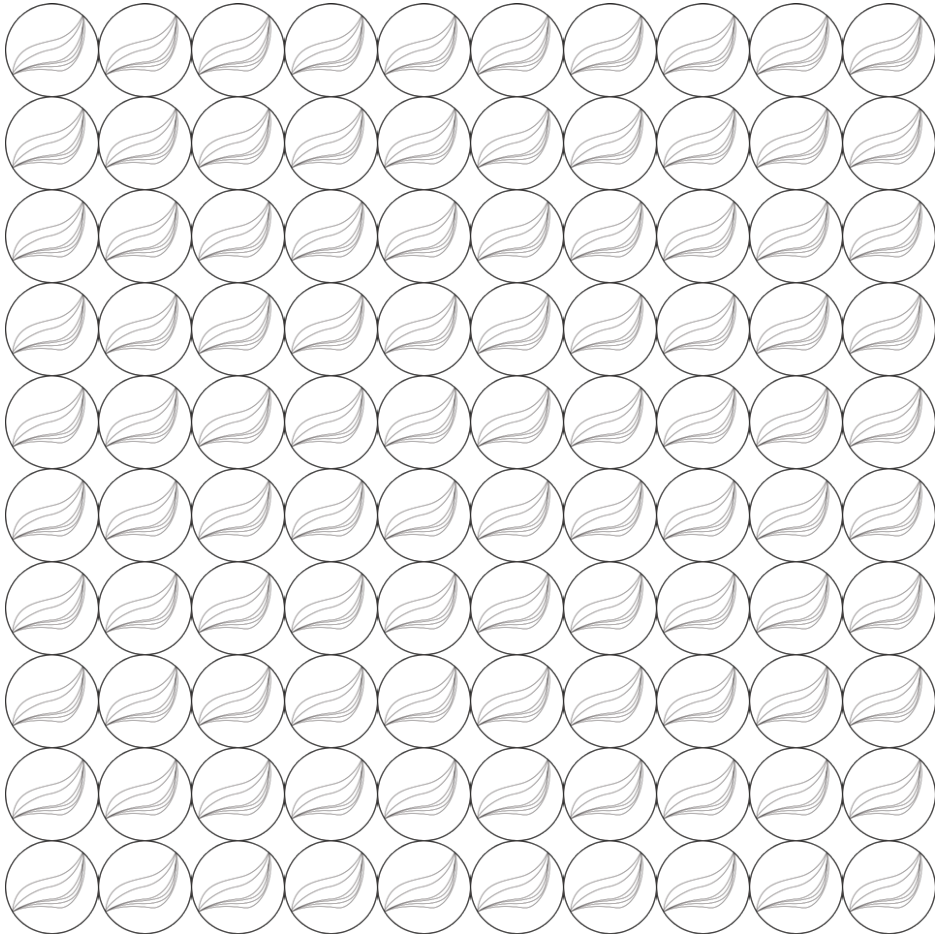


1. There are 20 red marbles.
2. The number of blue marbles is double the number of red marbles.
3. The number of green marbles is one quarter the number of blue marbles.
4. The number of yellow marbles is one half the number of green marbles.
5. The number of black marbles is five times the number of yellow marbles.

Colour of Marble	Amount as Fraction	Amount as Percentage	Amount as Decimal
red			
blue			
green			
yellow			
black			

# 100 Marbles Answers

I can write percentages as a fraction with denominator 100, and as a decimal.



Here is a bag of one hundred marbles. Use the information to complete the table and colour in the marbles correctly.

**20 red, 40 blue, 10 green,  
5 yellow, 25 black.**

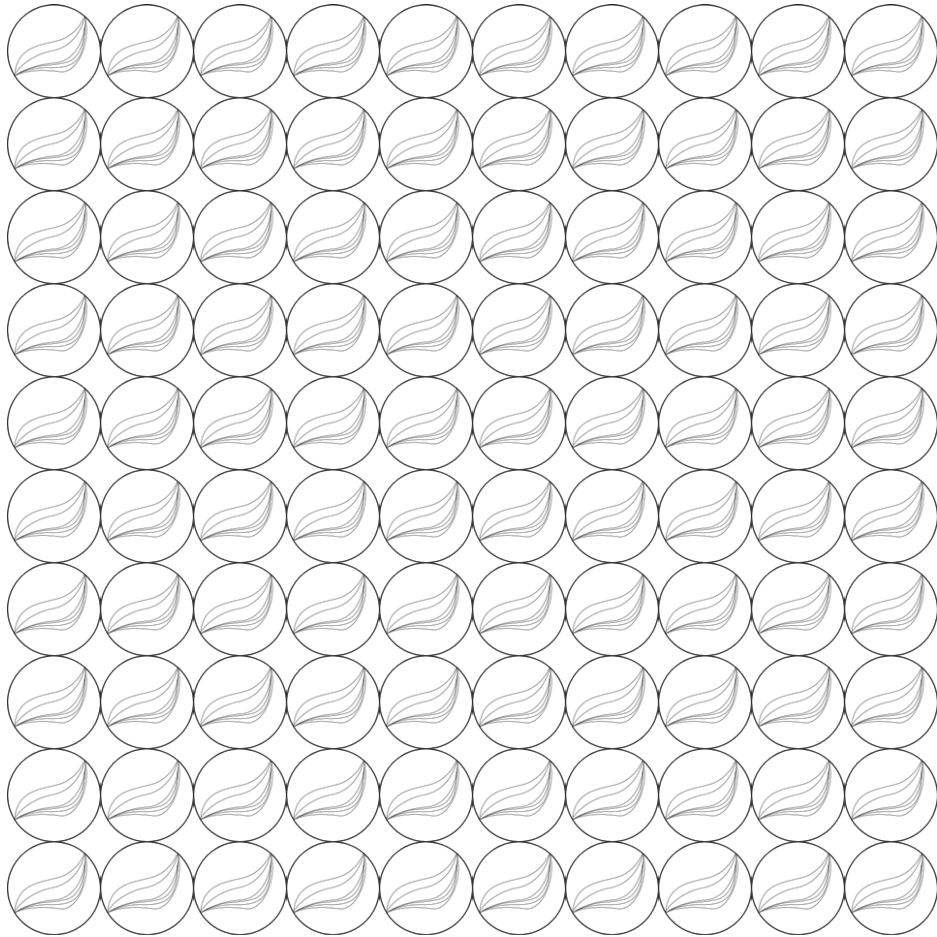
1. There are 20 red marbles.
2. The number of blue marbles is double the number of red marbles.
3. The number of green marbles is one quarter the number of blue marbles.
4. The number of yellow marbles is one half the number of green marbles.
5. The number of black marbles is five times the number of yellow marbles.

Colour of Marble	Amount as Fraction	Amount as Percentage	Amount as Decimal
red	$\frac{20}{100}$ or $\frac{1}{5}$	20%	0.2
blue	$\frac{40}{100}$ or $\frac{2}{5}$	40%	0.4
green	$\frac{10}{100}$ or $\frac{1}{10}$	10%	0.1
yellow	$\frac{5}{100}$ or $\frac{1}{20}$	5%	0.05
black	$\frac{25}{100}$ or $\frac{1}{4}$	25%	0.25



# 100 Marbles

I can write percentages as a fraction with denominator 100, and as a decimal.



Here is a bag of one hundred marbles. Use the information to complete the table and colour in the marbles correctly.



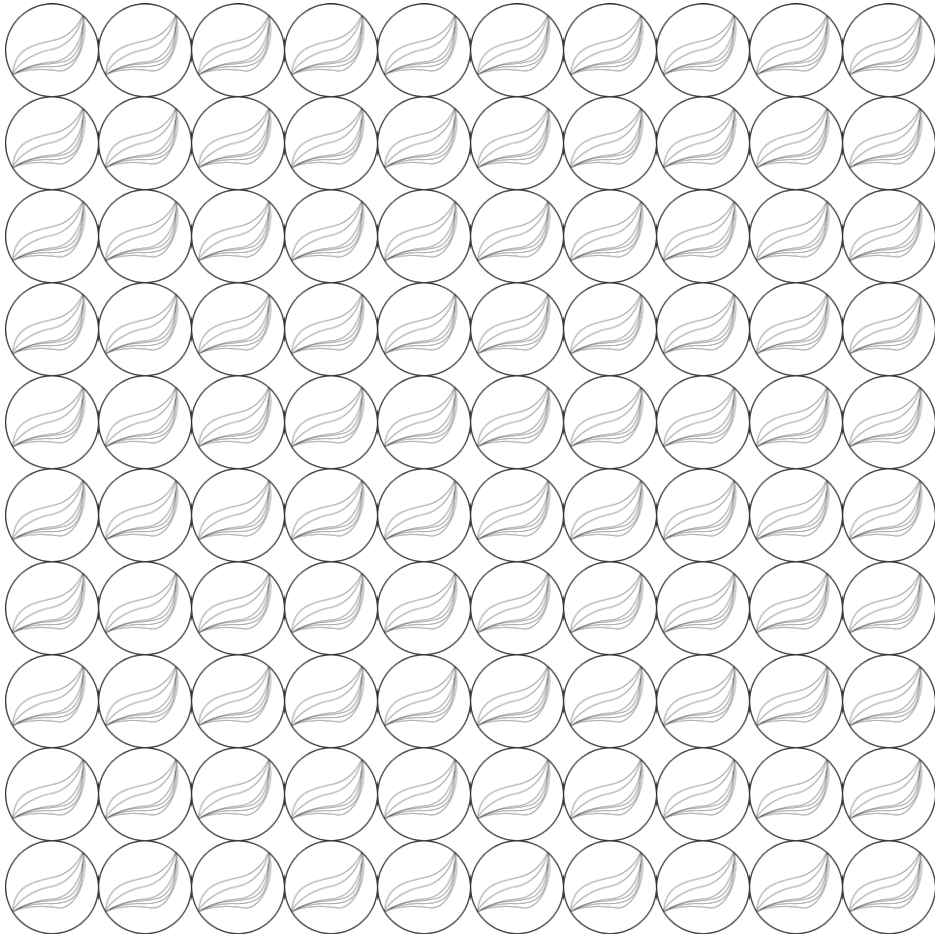
1. 8% of the marbles are green.
2. The number of green marbles is one third of the number of red marbles.
3. The number of yellow marbles is one half of the number of red marbles.
4. The number of blue marbles is three times the number of yellow marbles.
5. One fifth of all the marbles are black.

Colour of Marble	Amount as Fraction	Amount as Percentage	Amount as Decimal
red			
blue			
green			
yellow			
black			



# 100 Marbles Answers

I can write percentages as a fraction with denominator 100, and as a decimal.



Here is a bag of one hundred marbles. Use the information to complete the table and colour in the marbles correctly.

**24 red, 36 blue, 8 green,  
12 yellow, 20 black.**

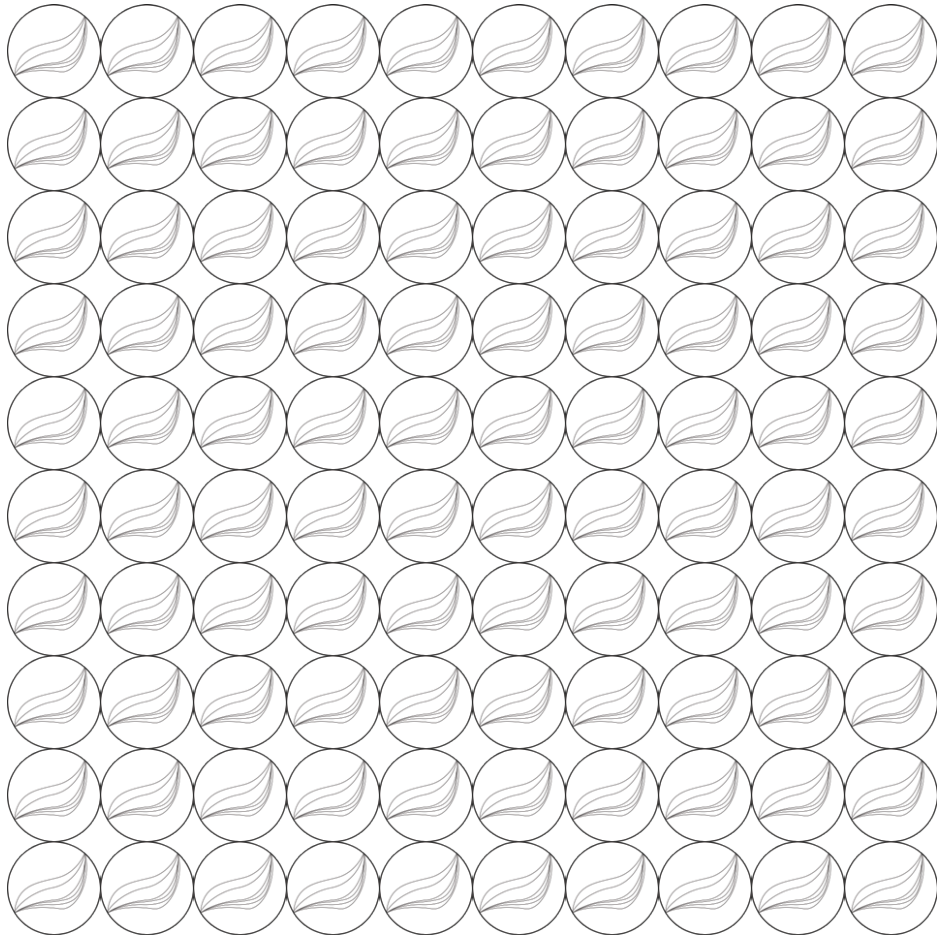
1. 8% of the marbles are green.
2. The number of green marbles is one third of the number of red marbles.
3. The number of yellow marbles is one half of the number of red marbles.
4. The number of blue marbles is three times the number of yellow marbles.
5. One fifth of all the marbles are black.

Colour of Marble	Amount as Fraction	Amount as Percentage	Amount as Decimal
red	$\frac{24}{100}$ or $\frac{6}{25}$	24%	0.24
blue	$\frac{36}{100}$ or $\frac{9}{25}$	36%	0.36
green	$\frac{8}{100}$ or $\frac{2}{25}$	8%	0.08
yellow	$\frac{12}{100}$ or $\frac{3}{25}$	12%	0.12
black	$\frac{20}{100}$ or $\frac{1}{5}$	20%	0.25



# 100 Marbles

I can write percentages as a fraction with denominator 100, and as a decimal.



Here is a bag of one hundred marbles. Use the information to complete the table and colour in the marbles correctly.

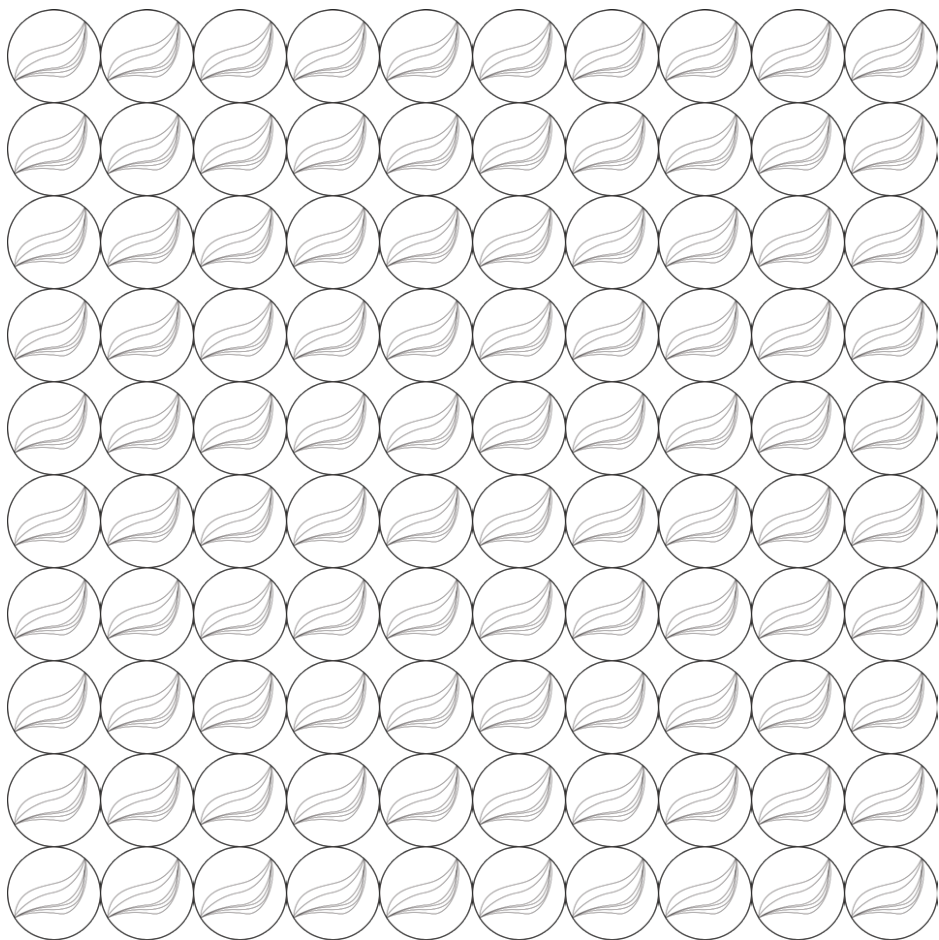


- $\frac{1}{20}$  of all the marbles are yellow.
- The number of purple marbles is three times the number of yellow marbles.
- The number of black marbles is double the number of purple marbles.
- The number of red marbles is four more than the number of yellow marbles.
- The number of green marbles is double the number of red marbles.

Colour of Marble	Amount as Fraction	Amount as Percentage	Amount as Decimal
red			
blue			
green			
yellow			
black			
purple			

# 100 Marbles

I can write percentages as a fraction with denominator 100, and as a decimal.



Here is a bag of one hundred marbles. Use the information to complete the table and colour in the marbles correctly.

*9 red, 23 blue, 18 green,  
5 yellow, 30 black, 15 purple.*

- $\frac{1}{20}$  of all the marbles are yellow.
- The number of purple marbles is three times the number of yellow marbles.
- The number of black marbles is double the number of purple marbles.
- The number of red marbles is four more than the number of yellow marbles.
- The number of green marbles is double the number of red marbles.

Colour of Marble	Amount as Fraction	Amount as Percentage	Amount as Decimal
red	$\frac{9}{100}$	9%	0.09
blue	$\frac{23}{100}$	23%	0.23
green	$\frac{18}{100}$ or $\frac{9}{50}$	18%	0.18
yellow	$\frac{5}{100}$ or $\frac{1}{20}$	5%	0.05
black	$\frac{30}{100}$ or $\frac{3}{10}$	30%	0.3
purple	$\frac{15}{100}$ or $\frac{3}{20}$	15%	0.15