Converting Decimals, Fractions, and Percents
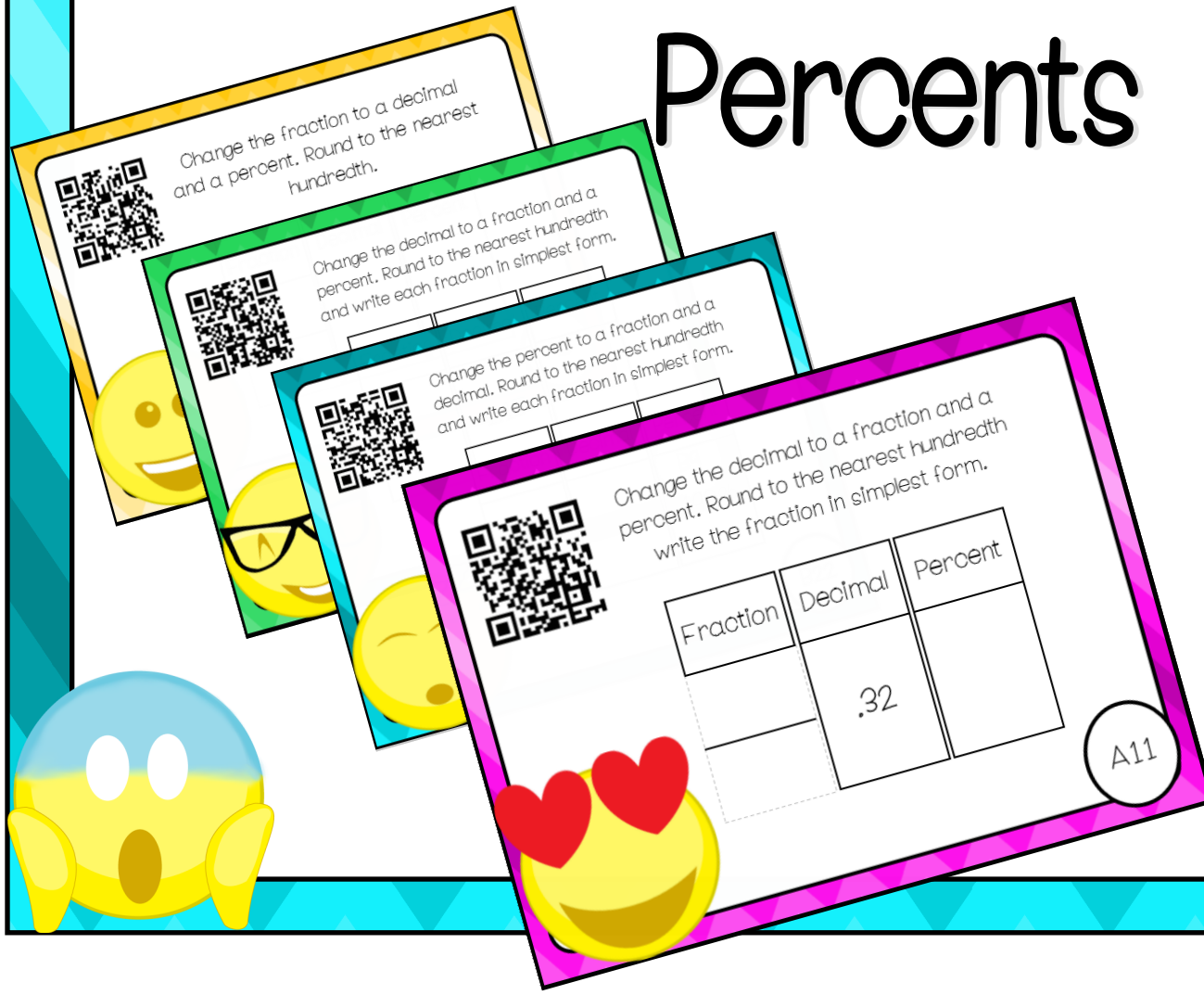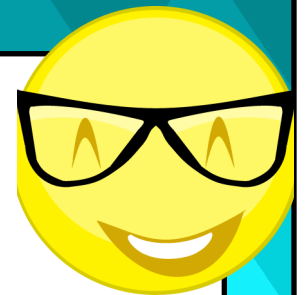
Includes 2 sets of 26 Task Cards with QR Codes

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Change the decimal to a fraction and a percent. Round to the nearest hundredth and write each fraction in simplest form.

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

Change the decimal to a fraction and a percent. Round to the nearest hundredth write the fraction in simplest form.

Fraction	Decimal	Percent
	.32	

A11

Directions for Assembly

Assembly: Print the Task Cards on your printer's high or medium quality setting. Printing at a lower resolution might save ink, but it might also interfere with the ability to scan the QR codes. Cut out each Task Card. (Laminate them to create a more durable and longer lasting product.) Make sure your mobile device has a QR code reader installed on it.

Using QR Codes in the Classroom: QR codes are an easy way to provide immediate and relevant feedback to your students about their progress. You will need a mobile device with a QR code reader installed to scan the QR codes. QR code reader apps are available for all mobile devices with a camera and many of them are free.

Suggestions for Use

Math Center: Students may work independently or with a group to solve a series of task cards. Once they have solved their card (or set of cards), they should check their work by scanning the QR code on the card. This provides the student with immediate feedback of their work. If there is limited access to technology in the classroom, teachers may print out a set of the answer keys to use along with the center.

Enrichment/Remediation: Task Cards with QR codes provide the immediate feedback students in need of remediation. Each card is paired with a corresponding QR code that walks students through each step of solving their equation. Students can work independently, with a teacher, or with a small group of students to solve the equations on the Task Cards.

Homework: A set of task cards may be printed out and assembled to send home with students to work on. Students would need access to a mobile device such as a cell phone, tablet, or iPad. Students could work through the problem and check their work using the QR code reader on their mobile device. This would be ideal for extra practice for struggling students, or as a review before a test.

Whole Group: One Task Card can be given to each student in the classroom. Provide an answer sheet as well. Set a time limit and tell the students they must solve their equation in the time permitted. (One minute is typically enough time.) Once time
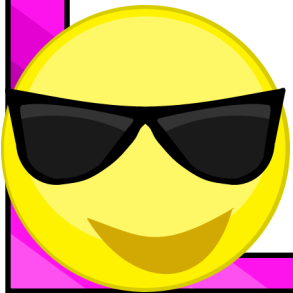
Fill in the chart by changing the given number to a fraction, a decimal, or a percent.

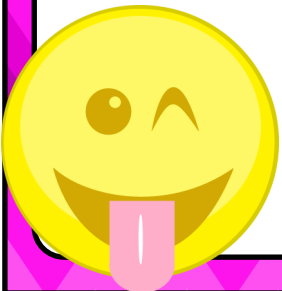*No value in this set will be over 100%

Fraction	Decimal	Percent
$\frac{1}{2}$	.5	50%

SET A

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

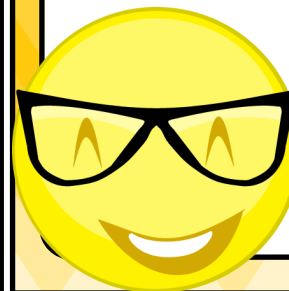| Fraction	Decimal	Percent
$\frac{1}{3}$		

A1

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
$\frac{1}{4}$		

A2

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

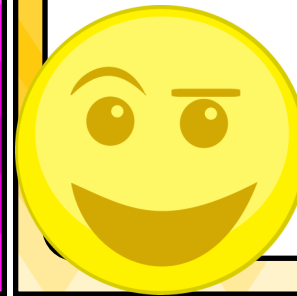| Fraction	Decimal	Percent
$\dfrac{2}{3}$		

A3

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
$\dfrac{4}{5}$		

A4

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

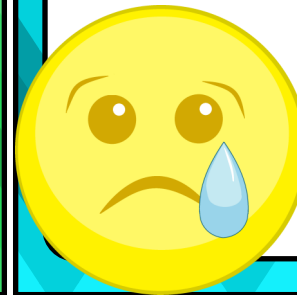| Fraction	Decimal	Percent
$\dfrac{6}{7}$		

A5
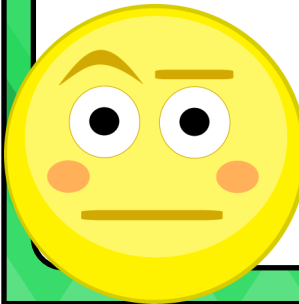
Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
$\dfrac{5}{8}$		

A6

A7

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
$\dfrac{1}{2}$		

A8

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
$\dfrac{9}{10}$		

A9
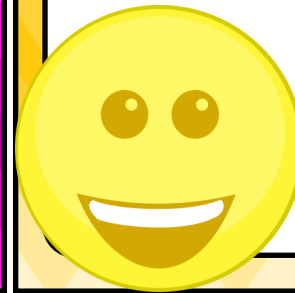
Change the decimal to a fraction and a percent. Round to the nearest hundredth write the fraction in simplest form.

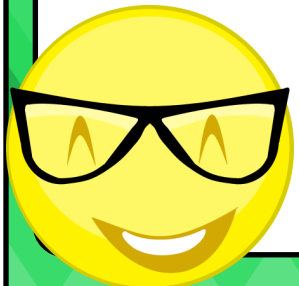| Fraction	Decimal	Percent
	.6	

A10

Change the decimal to a fraction and a percent. Round to the nearest hundredth write the fraction in simplest form.

Fraction	Decimal	Percent
	.45	

Change the decimal to a fraction and a percent. Round to the nearest hundredth write the fraction in simplest form.

Fraction	Decimal	Percent
_____	.32	

A11

Change the decimal to a fraction and a percent. Round to the nearest hundredth write the fraction in simplest form.

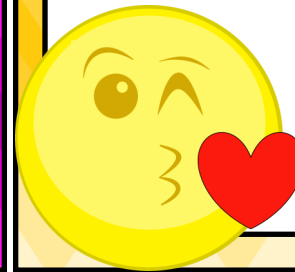| Fraction	Decimal	Percent
_____	.81	

A12

Change the decimal to a fraction and a percent. Round to the nearest hundredth write the fraction in simplest form.

Fraction	Decimal	Percent
_____	.14	

A13

Change the decimal to a fraction and a percent. Round to the nearest hundredth write the fraction in simplest form.

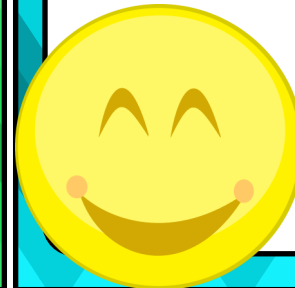| Fraction	Decimal	Percent
_____	.1	

A14

Change the decimal to a fraction and a percent. Round to the nearest hundredth write the fraction in simplest form.

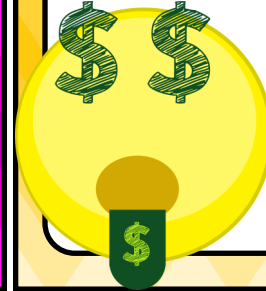| Fraction	Decimal	Percent
_____	.23	

A15

Change the decimal to a fraction and a percent. Round to the nearest hundredth write the fraction in simplest form.

Fraction	Decimal	Percent
_____	.18	

A16

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

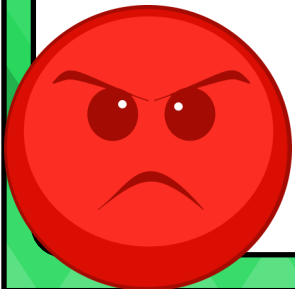| Fraction	Decimal	Percent
_____		95%

A17

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

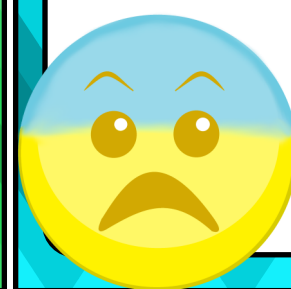| Fraction	Decimal	Perfect
_____		16%

A18

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
_____		24%

A19

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
_____		38%

A20

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

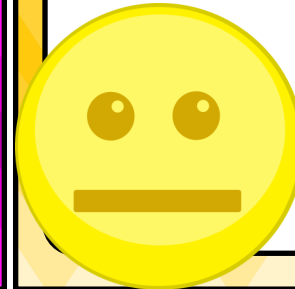| Fraction	Decimal	Percent
_____		15%

A21

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

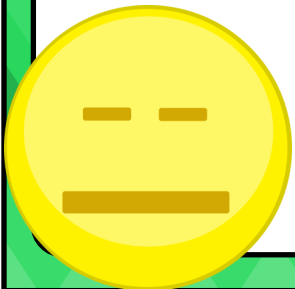| Fraction	Decimal	Percent
		2%

A22

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

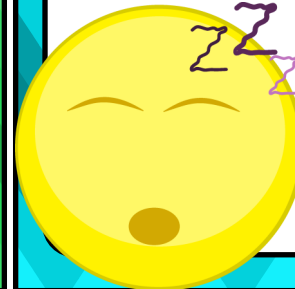| Fraction	Decimal	Percent
_____		71%

A23

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

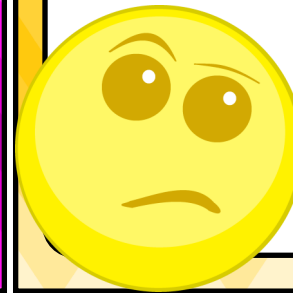| Fraction	Decimal	Percent
_____		85%

A24

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

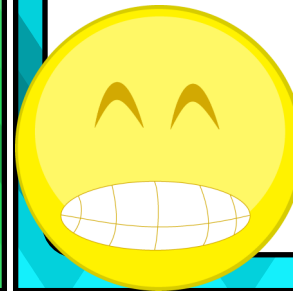| Fraction	Decimal	Percent
_____		36%

A25

Change the Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each

Fraction	Decimal	Percent
_____		65%

A26

Fill in the chart by changing the given number to a fraction, a decimal, or a percent.

*Many values in this set will be over 100%

Fraction	Decimal	Percent
$1 \frac{1}{5}$	1.2	120%

SET B

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
18		
2		

B1
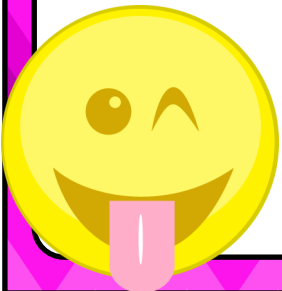
Change the fraction to a decimal and a percent. Round to the nearest hundredth.

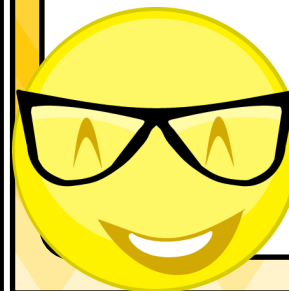| Fraction	Decimal	Percent
5		
4		

B2

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
3		
2		

B3

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
9		
18		

B4
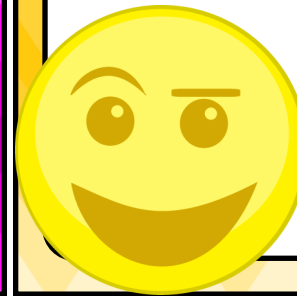
Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
9		
4		

B5
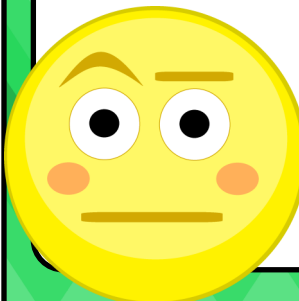
Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
20		
4		

B6

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
18		
6		

B7

Change the fraction to a decimal and a percent. Round to the nearest hundredth.

Fraction	Decimal	Percent
13		
7		

B8
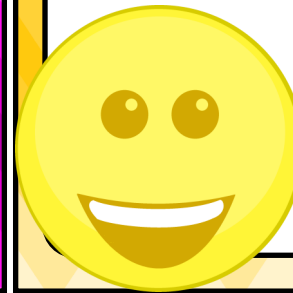
Change the decimal to a fraction and a percent. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
	1.15	

B9

Change the decimal to a fraction and a percent. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
	2.35	

B10

Change the decimal to a fraction and a percent. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
	.88	

B11

Change the decimal to a fraction and a percent. Round to the nearest hundredth and write each fraction in simplest form.

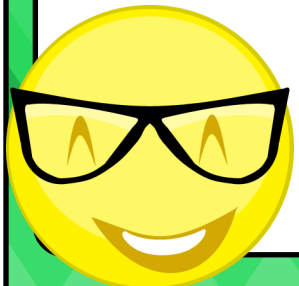| Fraction	Decimal	Percent
	3.62	

B12

Change the decimal to a fraction and a percent. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
	.75	

B13

Change the decimal to a fraction and a percent. Round to the nearest hundredth and write each fraction in simplest form.

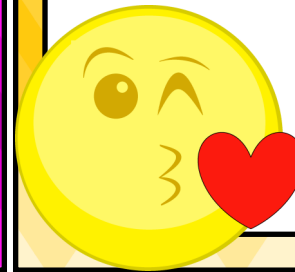| Fraction	Decimal	Percent
	2.1	

B14

B15

Change the decimal to a fraction and a percent. Round to the nearest hundredth and write each fraction in simplest form.

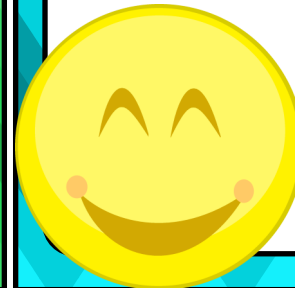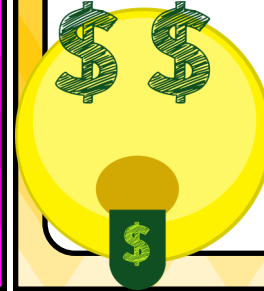| Fraction	Decimal	Percent
	1.6	

B16

Change the decimal to a fraction and a percent. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
	4.85	

B17

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
		345%

B18

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Perfect
		261%

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
		100%

B19

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
		96%

B20

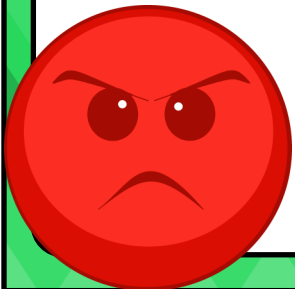Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
		145%

B21

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
		190%

B22

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.
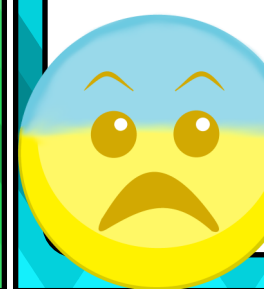
Fraction	Decimal	Percent
		130%

B23

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.

Fraction	Decimal	Percent
		490%

B24

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.
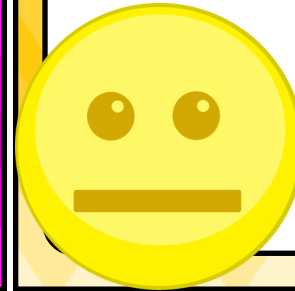
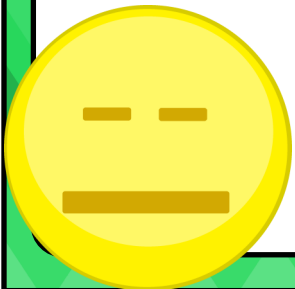| Fraction	Decimal	Percent
		82%

B25

Change the percent to a fraction and a decimal. Round to the nearest hundredth and write each fraction in simplest form.
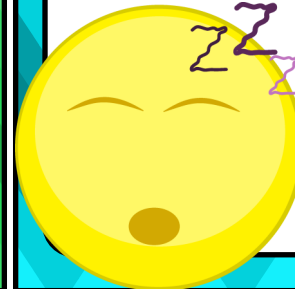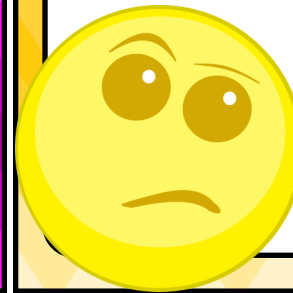
Fraction	Decimal	Percent
		105%

B26

Fill in the chart by changing the given number to a fraction, a decimal, or a percent.

Fraction	Percent	Decimal
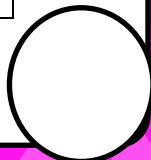
Fill in the chart by changing the given number to a fraction, a decimal, or a percent.

Fraction	Percent	Decimal
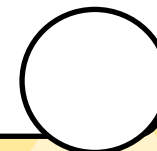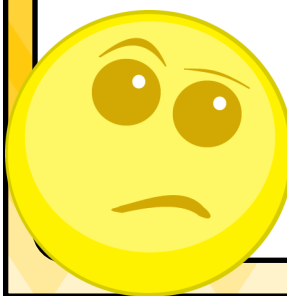
Fill in the chart by changing the given number to a fraction, a decimal, or a percent.

Fraction	Percent	Decimal
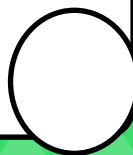
Fill in the chart by changing the given number to a fraction, a decimal, or a percent.

Fraction	Percent	Decimal

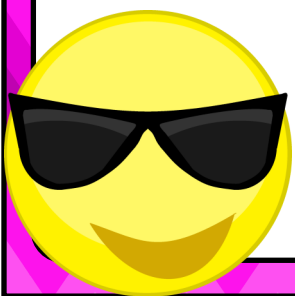| Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent
A1	——			A9	——			A17	——			A25	——		
A2	——			A10	——			A18	——			A26	——		
A3	——			A11	——			A19	——						
A4	——			A12	——			A20	——						
A5	——			A13	——			A21	——						
A6	——			A14	——			A22	——						
A7	——			A15	——			A23	——						
A8	——			A16	——			A24	——						

Name: _____

Student Recording Sheet

Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent
B1	——			B9	——			B17	——			B25	——		
B2	——			B10	——			B18	——			B26	——		
B3	——			B11	——			B19	——						
B4	——			B12	——			B20	——						
B5	——			B13	——			B21	——						
B6	——			B14	——			B22	——						
B7	——			B15	——			B23	——						
B8	——			B16	——			B24	——						

Name: _____

Student Recording Sheet

Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent
A1	$\frac{1}{3}$	.33	33%	A9	$\frac{3}{5}$	.6	60%	A17	$\frac{19}{20}$	.95	95%	A25	$\frac{9}{25}$	.36	36%
A2	$\frac{1}{4}$	.25	25%	A10	$\frac{9}{20}$	.45	45%	A18	$\frac{4}{25}$	.16	16%	A26	$\frac{13}{20}$	.65	65%
A3	$\frac{2}{3}$	.67	67%	A11	$\frac{8}{25}$	.32	32%	A19	$\frac{6}{25}$	.24	24%				
A4	$\frac{4}{5}$	.8	80%	A12	$\frac{81}{100}$	.81	81%	A20	$\frac{19}{50}$	.38	38%				
A5	$\frac{6}{7}$	.86	86%	A13	$\frac{7}{25}$	.14	14%	A21	$\frac{3}{20}$	.15	15%				
A6	$\frac{5}{8}$	.63	63%	A14	$\frac{1}{10}$	.1	10%	A22	$\frac{31}{50}$	.62	62%				
A7	$\frac{1}{2}$	.5	50%	A15	$\frac{23}{100}$	.23	23%	A23	$\frac{18}{25}$	.72	72%				
A8	$\frac{9}{10}$	.9	90%	A16	$\frac{9}{50}$	.18	18%	A24	$\frac{17}{20}$	.85	85%				

Teacher Answer Key

Set A

Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent	Card	Fraction	Decimal	Percent
B1	$\frac{18}{2}$	9	900%	B9	$1\frac{3}{20}$	1.15	115%	B17	$3\frac{9}{20}$	3.45	345%	B25	$\frac{41}{50}$	.82	82%
B2	$\frac{5}{4}$	1.25	125%	B10	$2\frac{7}{20}$	2.35	235%	B18	$2\frac{61}{100}$	2.61	261%	B26	$1\frac{1}{20}$	1.05	105%
B3	$\frac{3}{2}$	1.5	150%	B11	$\frac{22}{25}$	.88	88%	B19	$\frac{1}{1}$	1	100%				
B4	$\frac{9}{18}$	.5	50%	B12	$3\frac{31}{50}$	3.62	362%	B20	$\frac{24}{25}$	.96	96%				
B5	$\frac{9}{4}$	2.25	225%	B13	$\frac{3}{4}$	.75	75%	B21	$1\frac{9}{20}$	1.45	145%				
B6	$\frac{20}{4}$	5	500%	B14	$2\frac{1}{10}$	2.10	210%	B22	$1\frac{9}{10}$	1.9	190%				
B7	$\frac{18}{6}$	3	300%	B15	$1\frac{3}{5}$	1.6	160%	B23	$1\frac{3}{10}$	1.3	130%				
B8	$\frac{13}{7}$	1.86	186%	B16	$4\frac{17}{20}$	4.85	485%	B24	$4\frac{9}{10}$	4.9	490%				

Teacher Answer Key
Set B

Acknowledgements

A big thank you to Jen Jones Fonts for the amazing fonts used in this product. Like the fonts you see here? Visit www.jenjonesfonts.com for

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or

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Visit my website for more.

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