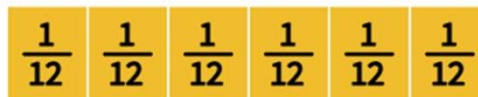


Equivalent Fractions

Activity: Investigating Equivalent Fractions

- I dropped the fraction strips, and they have all become muddled. Put them back into order.
- Label the fractions.
- These fractions are all equivalent to $\frac{1}{2}$ in their simplest form.



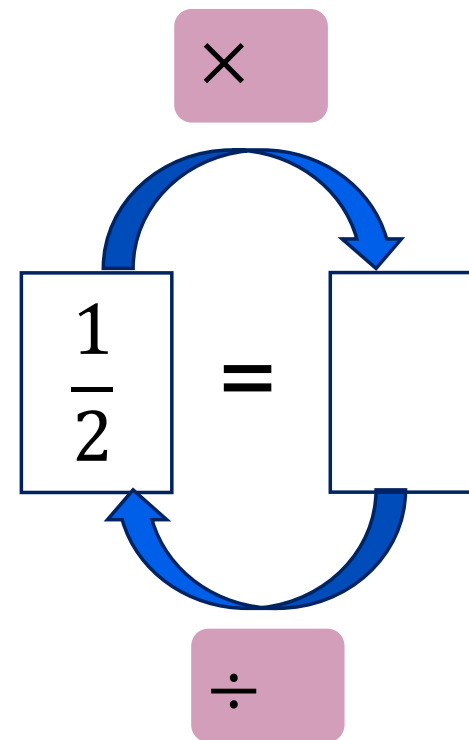
Activity: Investigating Equivalent Fractions

- Find these equivalent fractions on your multiplication grid.
- [Click here](#)

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Activity: Investigating Equivalent Fractions

- Choose an equivalent fraction and complete the diagram.



— $\frac{3}{6}$ $\frac{4}{8}$ — $\frac{6}{12}$ $\frac{2}{4}$ — $\frac{5}{10}$

Activity: Investigating Equivalent Fractions

- Sort these fractions into two piles.

Equivalent to one-half

Not equivalent to one-half

$$\frac{5}{100}$$

$$\frac{1}{2}$$

$$\frac{3}{4}$$

$$\frac{3}{6}$$

$$\frac{4}{8}$$

$$\frac{2}{5}$$

$$\frac{6}{12}$$

$$\frac{2}{4}$$

$$\frac{1}{7}$$

$$\frac{5}{10}$$

$$\frac{4}{9}$$

$$\frac{1}{20}$$

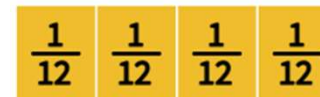
Activity: Investigating Equivalent Fractions

- I dropped the fraction strips, and they have all become muddled. Put them back into order.
- Label the fractions.
- These fractions are all equivalent to $\frac{1}{3}$ in their simplest form.


$$\frac{1}{6} \quad \frac{1}{6}$$


$$\frac{1}{3}$$


$$\frac{1}{9} \quad \frac{1}{9} \quad \frac{1}{9}$$


$$\frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12}$$

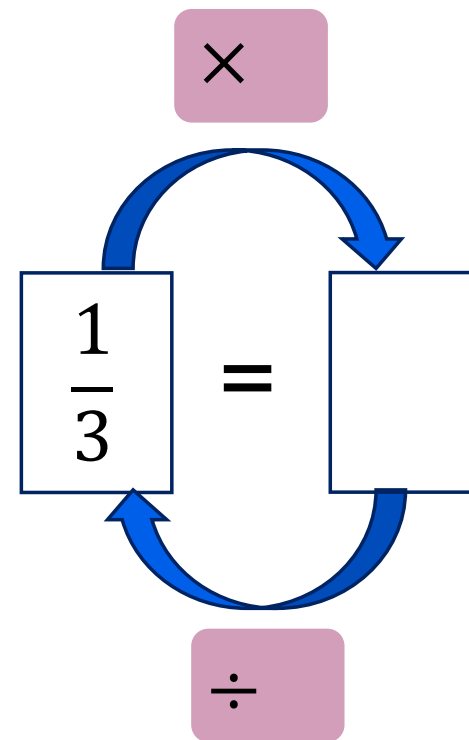
Activity: Investigating Equivalent Fractions

- Find the fractions equivalent to one-third on your multiplication grid.
- [Click here](#)

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Activity: Investigating Equivalent Fractions

- Choose an equivalent fraction and complete the diagram.



— $\frac{2}{6}$ $\frac{3}{9}$ — $\frac{4}{12}$ —

Activity: Investigating Equivalent Fractions

- Sort these fractions into two piles.

Equivalent to one-third

Not equivalent to one-third

$$\frac{1}{33}$$

$$\frac{1}{3}$$

$$\frac{2}{8}$$

$$\frac{3}{9}$$

$$\frac{4}{12}$$

$$\frac{5}{15}$$

$$\frac{6}{12}$$

$$\frac{33}{99}$$

$$\frac{7}{21}$$

$$\frac{2}{6}$$

$$\frac{5}{17}$$

$$\frac{5}{25}$$

Activity: Investigating Equivalent Fractions

- I dropped the fraction strips, and they have all become muddled. Put them back into order.
- Label the fractions.
- These fractions are all equivalent to $\frac{1}{4}$ in their simplest form.

$$\frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12}$$

$$\frac{1}{8} \quad \frac{1}{8}$$

$$\frac{1}{4}$$

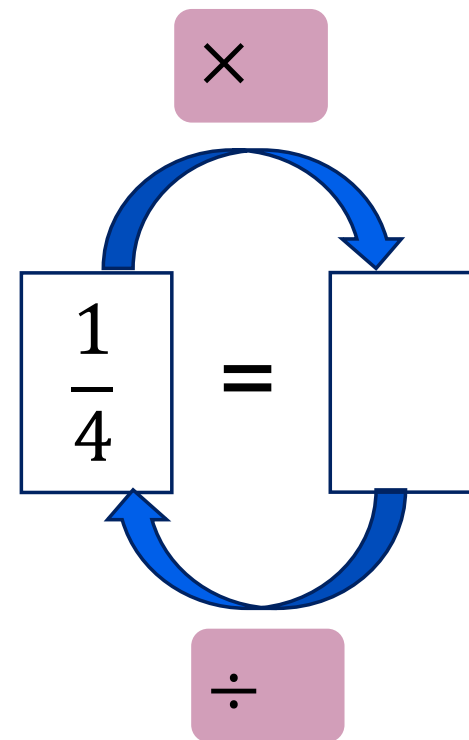
Activity: Investigating Equivalent Fractions

- Find the fractions equivalent to one-quarter on your multiplication grid.
- [Click here](#)

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Activity: Investigating Equivalent Fractions

- Choose an equivalent fraction and complete the diagram.



— $\frac{2}{8}$ $\frac{3}{12}$ — —

Activity: Investigating Equivalent Fractions

- Sort these fractions into two piles.

Equivalent to one-quarter

Not equivalent to one-quarter

$$\frac{1}{4}$$

$$\frac{2}{8}$$

$$\frac{3}{12}$$

$$\frac{2}{3}$$

$$\frac{4}{12}$$

$$\frac{10}{40}$$

$$\frac{100}{400}$$

$$\frac{5}{25}$$

$$\frac{11}{33}$$

$$\frac{8}{16}$$

$$\frac{5}{20}$$

$$\frac{5}{25}$$

Activity: Investigating Equivalent Fractions

- I dropped the fraction strips, and they have all become muddled. Put them back into order.
- Label the fractions.
- These fractions are all equivalent to $\frac{1}{5}$ in their simplest form.


$$\frac{1}{5}$$


$$\frac{1}{10} \quad \frac{1}{10}$$

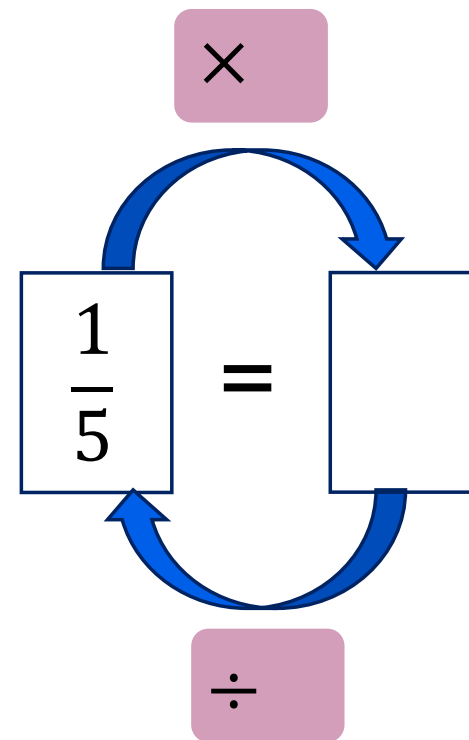
Activity: Investigating Equivalent Fractions

- Find the fractions equivalent to one-fifth on your multiplication grid.
- [Click here](#)

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Activity: Investigating Equivalent Fractions

- Choose an equivalent fraction and complete the diagram.




— $\frac{2}{10}$ $\frac{3}{15}$ — $\frac{4}{20}$ —

Activity: Investigating Equivalent Fractions

- Sort these fractions into two piles.

Equivalent to one-fifth

Not equivalent to one-fifth



$\frac{20}{100}$	$\frac{1}{5}$	$\frac{2}{8}$	$\frac{5}{25}$	$\frac{3}{15}$	$\frac{25}{100}$	$\frac{4}{20}$	$\frac{1}{50}$	$\frac{4}{21}$	$\frac{2}{10}$	$\frac{5}{17}$	$\frac{5}{25}$
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Activity: Investigating Equivalent Fractions

- I dropped the fraction strips, and they have all become muddled. Put them back into order.
- Label the fractions.
- These fractions are all equivalent to $\frac{1}{6}$ in their simplest form.

$$\frac{1}{12} \quad \frac{1}{12}$$

$$\frac{1}{6}$$

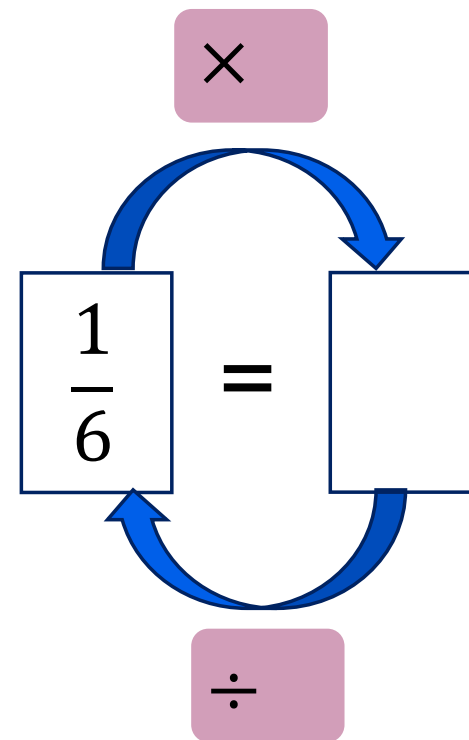
Activity: Investigating Equivalent Fractions

- Find the fractions equivalent to one-sixth on your multiplication grid.
- [Click here](#)

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Activity: Investigating Equivalent Fractions

- Choose an equivalent fraction and complete the diagram.



— $\frac{2}{12}$ $\frac{3}{18}$ — $\frac{4}{24}$ —

Activity: Investigating Equivalent Fractions

- Sort these fractions into two piles.

Equivalent to one-sixth

Not equivalent to one-sixth

$$\frac{10}{60}$$

$$\frac{1}{6}$$

$$\frac{2}{16}$$

$$\frac{3}{18}$$

$$\frac{4}{24}$$

$$\frac{4}{20}$$

$$\frac{5}{30}$$

$$\frac{15}{99}$$

$$\frac{7}{21}$$

$$\frac{2}{12}$$

$$\frac{5}{15}$$

$$\frac{5}{25}$$