



Fractions

- 1 Add these fractions and simplify the answer

$$\frac{2}{4} + \frac{1}{4}$$

A $2\frac{1}{2}$	B 1	C $\frac{1}{4}$
D $1\frac{1}{5}$	E $\frac{3}{4}$	F $\frac{3}{16}$

- 2 Add these fractions and simplify the answer

$$1\frac{2}{5} + \frac{3}{5}$$

A $\frac{21}{25}$	B $1\frac{1}{5}$	C 2
D $1\frac{1}{2}$	E 3	F $2\frac{1}{2}$

- 3 Compare these fractions and choose the right equality operator

$$\frac{1}{4} \bigcirc \frac{2}{4}$$

<, >, or =?

A =	B >
C <	

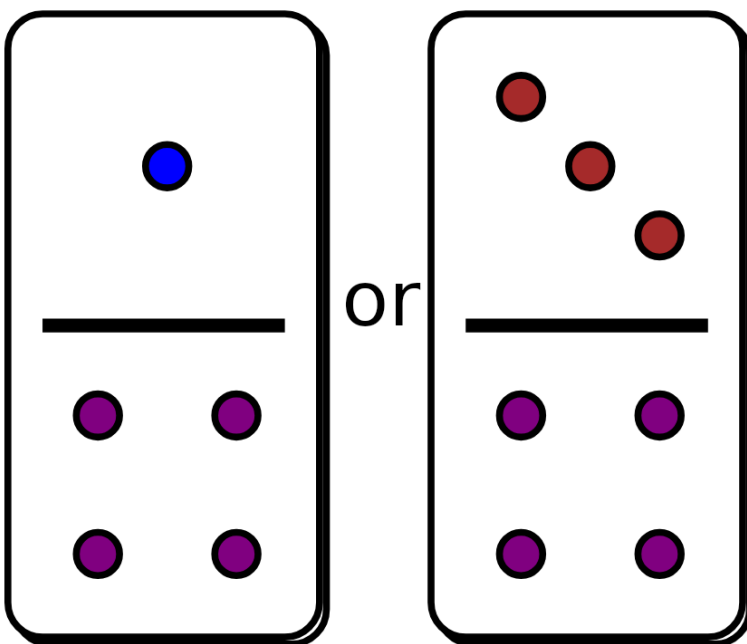
- 4 Compare these fractions and choose the right equality operator

$$\frac{2}{3} \bigcirc \frac{1}{9}$$

<, >, or =?

A >	B =
C <	

- 5 Which domino fraction would be larger?

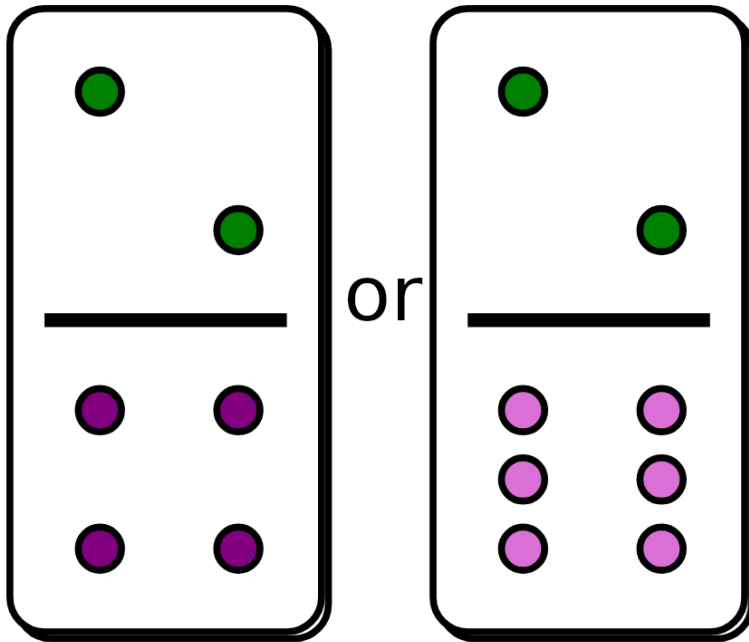


A
B

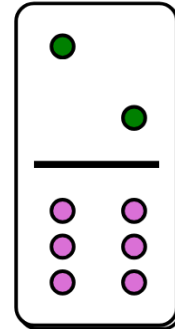


Fractions

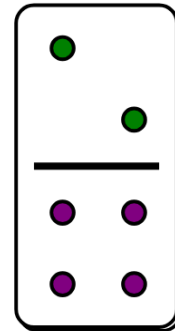
6 Which domino fraction would be larger?



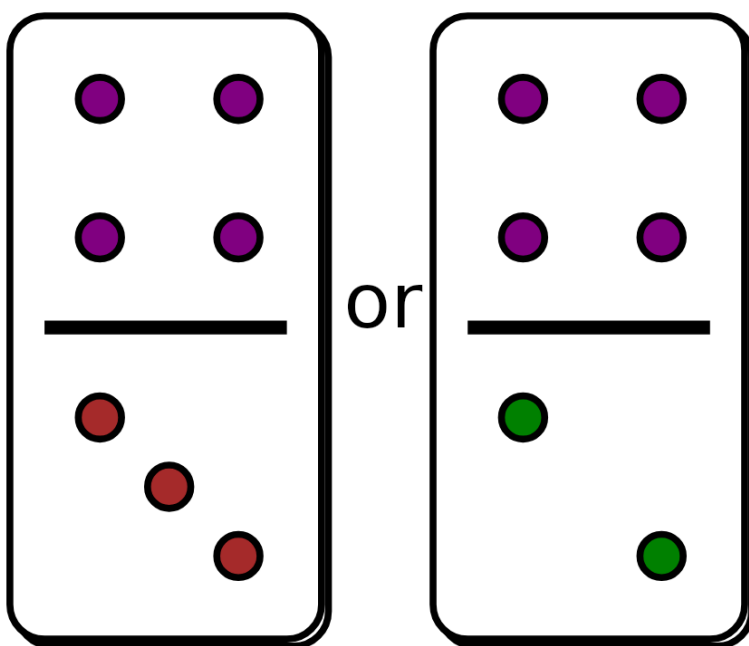
A



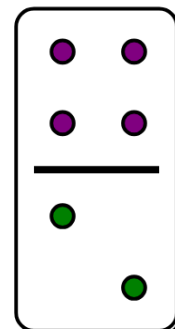
B



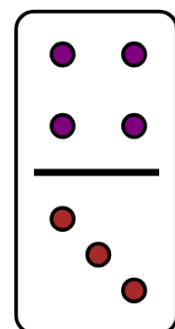
7 Which domino fraction would be larger?



A



B





Fractions

- 8** Compare these fractions and choose the right equality operator

$$\frac{3}{7} \bigcirc \frac{4}{11}$$

$<$, $>$, or $=$?

A	$=$	B	$>$
C	$<$		

- 9** Find the fraction that makes this equation correct

$$\underline{\hspace{1cm}} + 1\frac{2}{3} = 3$$

A	$2\frac{2}{3}$	B	8	C	7
D	$1\frac{1}{3}$	E	2	F	1

- 10** Find the fraction that makes this equation correct

$$\underline{\hspace{1cm}} + \frac{1}{4} = 1\frac{1}{2}$$

A	1	B	$\frac{3}{8}$	C	$2\frac{1}{3}$
D	$\frac{1}{2}$	E	3	F	$1\frac{1}{4}$

- 11** Complete the equivalent fraction by finding the missing numerator

$$\frac{1}{6} = \frac{?}{18}$$

A	6	B	0	C	2
D	3	E	1	F	4

- 12** Complete the equivalent fraction by finding the missing denominator

$$\frac{3}{140} = \frac{9}{?}$$

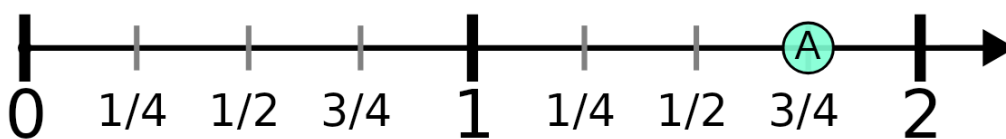
A	423	B	424	C	415
D	418	E	420	F	416

- 13** Make this fraction into a mixed number

$$\frac{28}{10}$$

A	$2\frac{8}{10}$	B	$2\frac{7}{11}$	C	$10\frac{1}{4}$
D	$28\frac{1}{10}$	E	$\frac{10}{28}$	F	$2\frac{4}{14}$

- 14** What fraction does this dot represent?



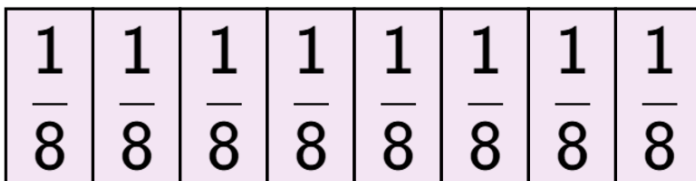
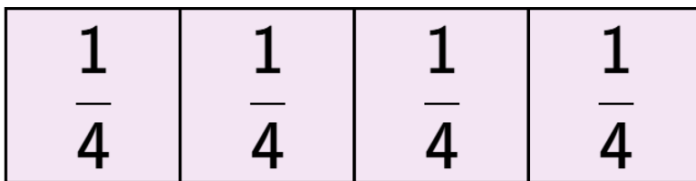
A	$\frac{10}{3}$	B	$\frac{7}{4}$
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Fractions

15 Use the fraction strips to find how many eighths is the same as $\frac{3}{4}$?

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



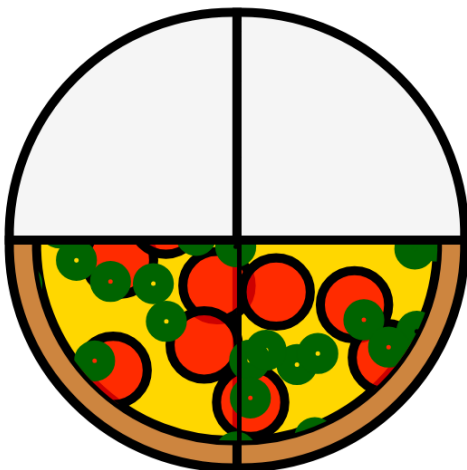
A

$$\frac{7}{8}$$

B

$$\frac{6}{8}$$

16 Find the equivalent fraction



$$\frac{2}{4} = \frac{?}{?}$$

A

$$\frac{2}{7}$$

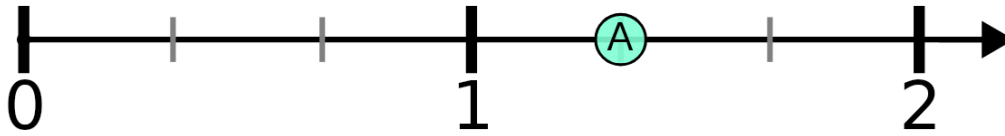
B

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



Fractions

17 What fraction does this dot represent?



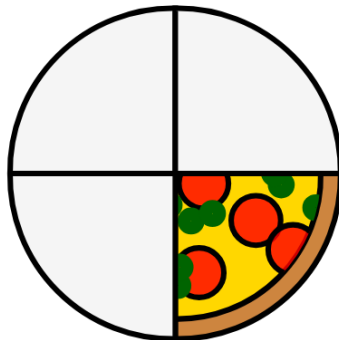
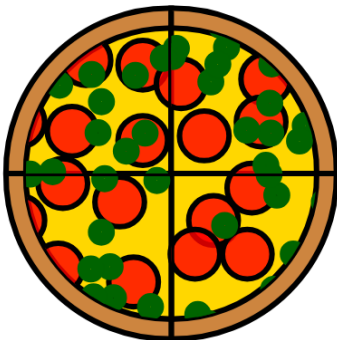
A

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

B

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

18 What fraction would describe the number of pizzas?



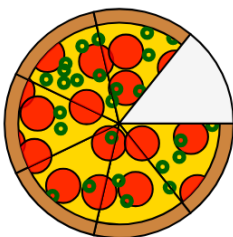
A

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

B

$$1\frac{6}{4}$$

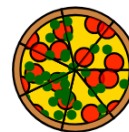
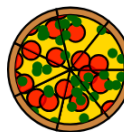
19 How would you describe the number of slices compared to a full pizza?



A 6 slices out of 7

B 6 slices out of 1

20 How many slices are there in all pizzas?



A 16

B 12

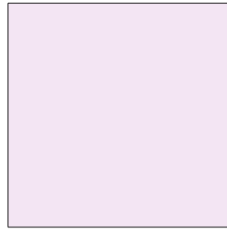
C 18

D 19



Fractions

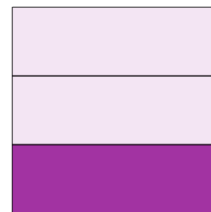
21 Which picture shows one third of the rectangle?



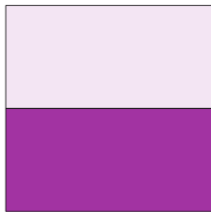
A



B



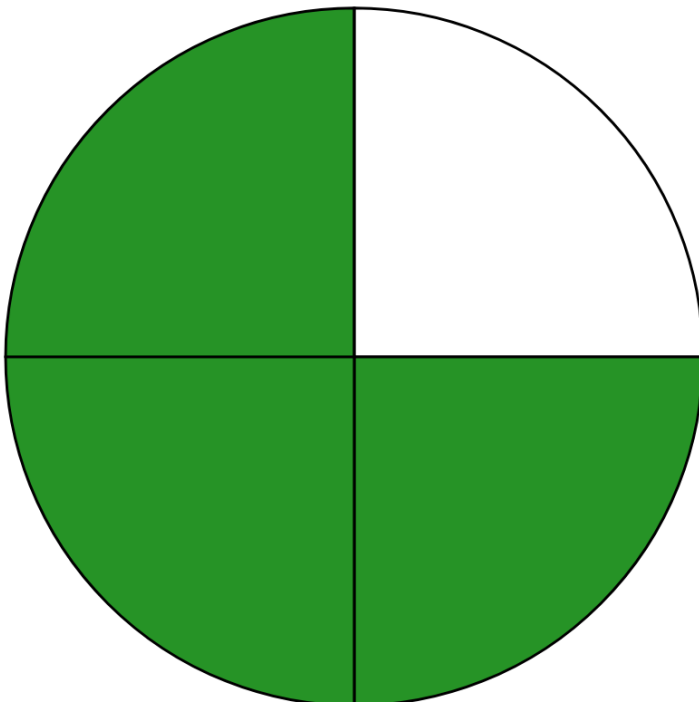
C



D



22 Which fraction does this show?



A

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

B

$$\frac{3}{5}$$

C

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

D

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



Fractions

23 Multiply these fractions (don't simplify the answer)

$$5 \times \frac{7}{3}$$

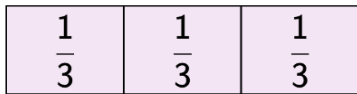
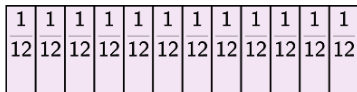
A $\frac{12}{4}$	B $\frac{35}{3}$	C $\frac{15}{7}$
D 12	E $\frac{12}{3}$	

24 Multiply these fractions (don't simplify the answer)

$$5 \times \frac{2}{8}$$

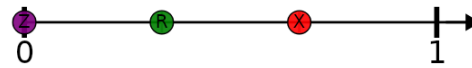
A 7	B $\frac{40}{2}$	C $\frac{7}{8}$
D $\frac{10}{8}$	E $\frac{7}{9}$	

25 Use the fraction strips to put $\frac{3}{12}$ and $\frac{1}{3}$ into increasing order



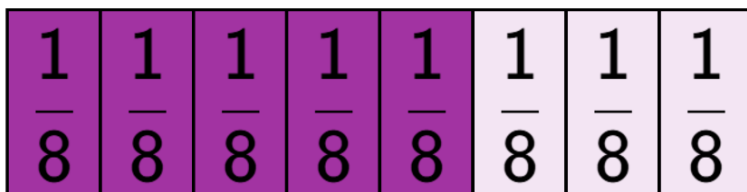
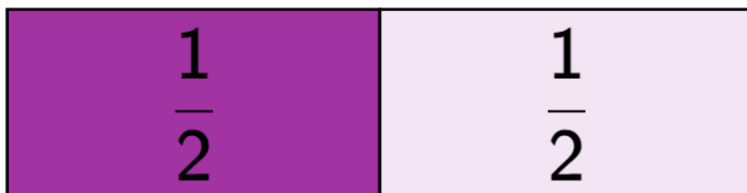
A $\frac{3}{12}, \frac{1}{3}$
B $\frac{1}{3}, \frac{3}{12}$

26 What dot is at $\frac{1}{3}$?



A Z
B R
C X

27 Use the fraction strips to put $\frac{1}{2}$ and $\frac{5}{8}$ into increasing order

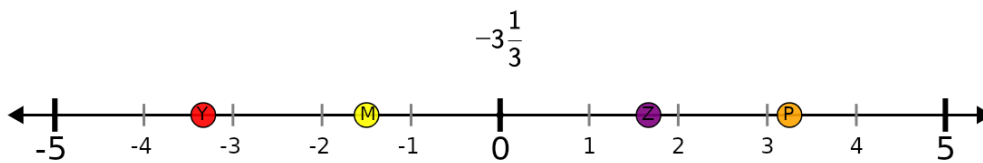


A $\frac{1}{2}, \frac{5}{8}$
B $\frac{5}{8}, \frac{1}{2}$



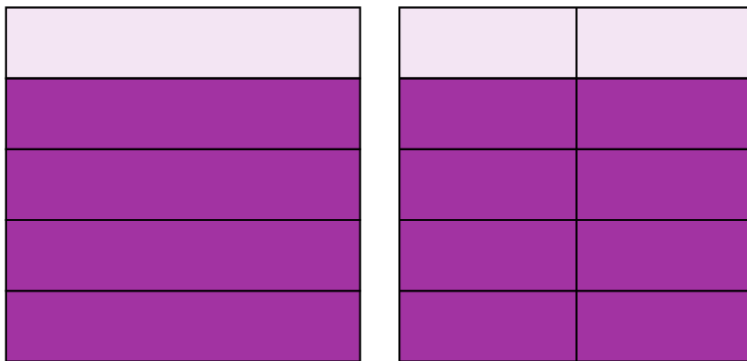
Fractions

28 Which dot is at this value?



A	M
B	Y
C	Z
D	P

29 Find the equivalent fraction



$$\frac{4}{5} = \frac{?}{?}$$

A	$\frac{14}{16}$
B	$\frac{8}{10}$

30 Simplify this fraction by cancelling identical terms on top and bottom

$$\frac{2 \times 3 \times 7 \times 2}{3 \times 3 \times 2 \times 7}$$

A	$\frac{2}{3}$	B	$\frac{7}{5}$	C	$\frac{5}{6}$
D	$\frac{3}{2}$	E	$\frac{3}{5}$	F	$\frac{7}{3}$

31 Use factorization to simplify this fraction

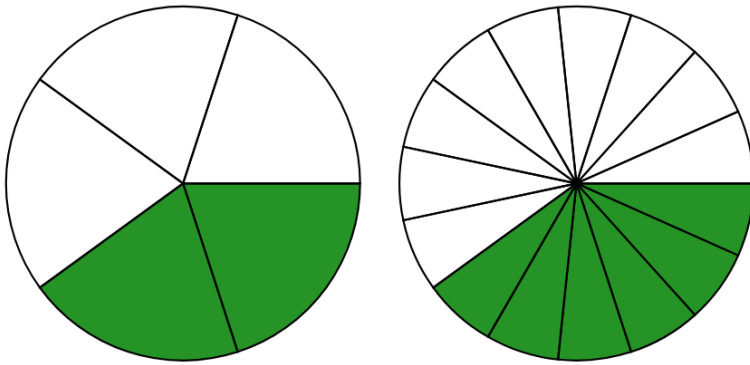
$$\frac{6 \times 35 \times 10}{7 \times 7 \times 100}$$

A	$\frac{2}{7}$	B	$\frac{3}{5}$	C	$\frac{3}{7}$
D	$\frac{7}{3}$	E	$\frac{2}{5}$	F	$\frac{5}{6}$



Fractions

32 Find the equivalent fraction



$$\frac{2}{5} = \frac{?}{?}$$

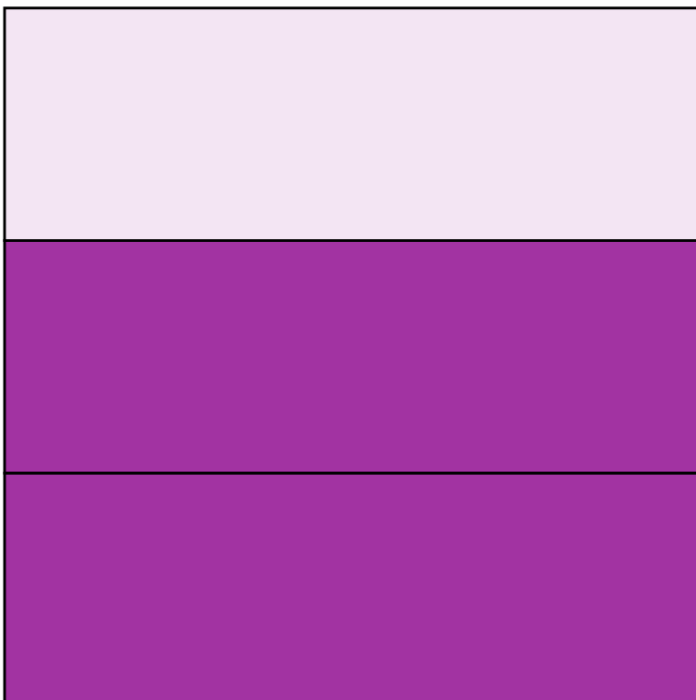
A

$$\frac{6}{21}$$

B

$$\frac{6}{15}$$

33 Which fraction is equal (equivalent) to this?



A

$$\frac{4}{5}$$

B

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

C

$$\frac{4}{6}$$

D

$$\frac{3}{5}$$



Fractions

34 Find the equivalent fraction



$$\frac{2}{6} = \frac{?}{?}$$

A

$$\frac{9}{19}$$

B

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

35 Find the fraction that makes this equation correct

$$\underline{\quad} + \frac{3}{7} = 1$$

A 2	B $\frac{3}{7}$	C $\frac{3}{4}$
D $\frac{2}{3}$	E 1	F $\frac{4}{7}$

36 Subtract these fractions, but don't simplify the answer

$$\frac{4}{6} - \frac{1}{6}$$

A $\frac{5}{6}$	B $\frac{6}{6}$	C $\frac{21}{6}$
D $\frac{3}{6}$	E 0	F $\frac{8}{6}$

37 Subtract these fractions, but don't simplify the answer

$$3\frac{2}{4} - 1\frac{1}{4}$$

A $\frac{16}{4}$	B $\frac{17}{4}$	C $\frac{9}{4}$
D $\frac{6}{4}$	E $\frac{19}{4}$	F $\frac{18}{4}$

38 Subtract these fractions, but don't simplify the answer

$$1\frac{3}{6} - \frac{2}{6}$$

A $\frac{9}{6}$	B $\frac{21}{6}$	C $\frac{10}{6}$
D $\frac{7}{6}$	E $\frac{6}{6}$	F $\frac{5}{6}$