

# Do Now

Please work quietly on this Do-Now.  
Thank you!

Mr. Lindner and Mr. Haas order a pan pizza for lunch. Mr. Lindner gets called away for a meeting so he cannot eat any of the pizza when it arrives. Mr. Haas eats  $\frac{1}{4}$  of the pizza, and leaves the remaining pizza in the refrigerator for Mr. Lindner. Later that day, Mr. Lindner eats  $\frac{2}{3}$  of the remaining pizza.

How much of the pizza did Mr. Lindner eat?



# Homework

1)  $7\frac{3}{4}$

7)  $5\frac{1}{2}$

13)  $9\frac{7}{8}$

2)  $7\frac{9}{40}$

8)  $4\frac{1}{9}$

14)  $8\frac{9}{10}$

3)  $9\frac{2}{3}$

9)  $9\frac{7}{15}$

15)  $8\frac{13}{18}$

4)  $4\frac{11}{12}$

10)  $3\frac{9}{10}$

5)  $6\frac{1}{2}$

11)  $7\frac{3}{40}$

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

12)  $7\frac{1}{22}$

A 10x10 grid of mixed numbers. Each cell contains a mixed number, and the diagonal cells from top-left to bottom-right are shaded red. The numbers in the grid are as follows:

$7\frac{3}{4}$	$7\frac{9}{40}$	$9\frac{7}{15}$	$8\frac{13}{18}$	$5\frac{7}{8}$	$2\frac{2}{3}$	$6\frac{1}{6}$	$8\frac{9}{10}$	$7\frac{3}{4}$	$7\frac{3}{4}$
$5\frac{1}{2}$	$5\frac{7}{8}$	$7\frac{9}{40}$	$2\frac{2}{3}$	$4\frac{11}{12}$	$6\frac{1}{6}$	$2\frac{2}{3}$	$9\frac{7}{8}$	$5\frac{7}{8}$	$9\frac{7}{8}$
$8\frac{9}{10}$	$5\frac{1}{2}$	$7\frac{3}{4}$	$5\frac{1}{2}$	$8\frac{7}{15}$	$8\frac{9}{10}$	$9\frac{7}{8}$	$7\frac{3}{4}$	$6\frac{1}{6}$	$9\frac{7}{15}$
$8\frac{13}{18}$	$5\frac{7}{8}$	$8\frac{13}{18}$	$7\frac{9}{40}$	$7\frac{3}{4}$	$9\frac{7}{15}$	$7\frac{9}{40}$	$6\frac{1}{6}$	$2\frac{2}{3}$	$7\frac{3}{4}$
$8\frac{2}{3}$	$4\frac{1}{9}$	$7\frac{3}{4}$	$9\frac{7}{15}$	$5\frac{1}{2}$	$6\frac{1}{6}$	$8\frac{9}{10}$	$7\frac{3}{4}$	$7\frac{1}{22}$	$5\frac{7}{8}$
$5\frac{7}{8}$	$9\frac{7}{8}$	$8\frac{9}{10}$	$7\frac{3}{4}$	$9\frac{9}{10}$	$9\frac{2}{3}$	$9\frac{7}{15}$	$8\frac{9}{10}$	$5\frac{1}{2}$	$2\frac{2}{3}$
$3\frac{9}{10}$	$3\frac{2}{3}$	$6\frac{1}{6}$	$3\frac{9}{10}$	$9\frac{7}{15}$	$8\frac{9}{10}$	$4\frac{11}{12}$	$9\frac{2}{3}$	$5\frac{7}{8}$	$4\frac{1}{9}$
$8\frac{7}{15}$	$7\frac{1}{22}$	$9\frac{7}{15}$	$7\frac{1}{22}$	$7\frac{3}{4}$	$9\frac{7}{15}$	$4\frac{1}{9}$	$9\frac{7}{15}$	$9\frac{2}{3}$	$8\frac{9}{10}$
$3\frac{9}{10}$	$5\frac{7}{8}$	$6\frac{1}{6}$	$2\frac{2}{3}$	$7\frac{3}{4}$	$7\frac{9}{40}$	$2\frac{2}{3}$	$4\frac{11}{12}$	$5\frac{7}{8}$	$4\frac{1}{9}$
$8\frac{9}{10}$	$7\frac{1}{22}$	$7\frac{3}{4}$	$3\frac{9}{10}$	$5\frac{7}{8}$	$5\frac{7}{8}$	$4\frac{1}{9}$	$7\frac{3}{4}$	$9\frac{2}{3}$	$9\frac{7}{15}$

# Do Now

Mr. Lindner and Mr. Haas order a pan pizza for lunch. Mr. Lindner gets called away for a meeting so he cannot eat any of the pizza

when it arrives. Mr. Haas eats  $\frac{1}{4}$  of the pizza, and leaves the

remaining pizza in the refrigerator for Mr. Lindner. Later that day,

Mr. Lindner eats  $\frac{2}{3}$  of the remaining pizza.

How much of the pizza did Mr. Lindner eat?

# NOTES

Write the letter of each correct answer in the box containing the number of the exercise, If the answer has a ●, shade in the box instead of writing a letter.

I. Write each mixed number as an improper fraction.

③  $3\frac{5}{7}$

Answers 1 – 10

Ⓐ $\frac{26}{7}$	⒴ $\frac{47}{12}$	● $\frac{55}{8}$	Ⓓ $\frac{47}{10}$	Ⓒ $\frac{37}{20}$	Ⓔ $\frac{41}{8}$	● $\frac{31}{4}$
Ⓘ $\frac{37}{4}$	Ⓔ $\frac{43}{6}$	Ⓐ $\frac{13}{5}$	Ⓒ $\frac{47}{8}$	● $\frac{35}{4}$	⒱ $\frac{49}{6}$	Ⓕ $\frac{41}{12}$

6	2	12	14	8	11	18	1	5	9	20	10	15	7	16	21	4	19	13	3	17
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Write the letter of each correct answer in the box containing the number of the exercise, If the answer has a ●, shade in the box instead of writing a letter.

II. Multiply.

①⑨  $4\frac{1}{12} \times 1\frac{1}{7}$

Answers 11 – 21

Ⓓ	$4\frac{5}{6}$	●	$8\frac{1}{4}$	Ⓔ	21	Ⓚ	$10\frac{1}{2}$	Ⓔ	$3\frac{1}{2}$	Ⓝ	$9\frac{3}{8}$	Ⓛ	$12\frac{1}{2}$
Ⓓ	$2\frac{2}{9}$	Ⓒ	$11\frac{1}{5}$	Ⓞ	$2\frac{1}{2}$	●	$9\frac{1}{5}$	Ⓜ	$11\frac{3}{4}$	Ⓕ	$4\frac{2}{3}$	Ⓓ	$6\frac{2}{3}$

6	2	12	14	8	11	18	1	5	9	20	10	15	7	16	21	4	19	13	3	17
---	---	----	----	---	----	----	---	---	---	----	----	----	---	----	----	---	----	----	---	----

Write the letter of each correct answer in the box containing the number of the exercise, If the answer has a ●, shade in the box instead of writing a letter.

I. Write each mixed number as an improper fraction.

①  $2\frac{3}{5}$

②  $5\frac{1}{8}$

③  $3\frac{5}{7}$

④  $8\frac{3}{4}$

⑤  $4\frac{7}{10}$

⑥  $3\frac{5}{12}$

⑦  $7\frac{1}{6}$

⑧  $1\frac{17}{20}$

⑨  $6\frac{7}{8}$

⑩  $9\frac{1}{4}$

Answers 1 – 10

○	$\frac{26}{7}$	○	$\frac{47}{12}$	●	$\frac{55}{8}$	○	$\frac{47}{10}$	○	$\frac{37}{20}$	○	$\frac{41}{8}$	●	$\frac{31}{4}$
○	$\frac{37}{4}$	○	$\frac{43}{6}$	○	$\frac{13}{5}$	○	$\frac{47}{8}$	●	$\frac{35}{4}$	○	$\frac{49}{6}$	○	$\frac{41}{12}$

6	2	12	14	8	11	18	1	5	9	20	10	15	7	16	21	4	19	13	3	17
---	---	----	----	---	----	----	---	---	---	----	----	----	---	----	----	---	----	----	---	----

II. Multiply.

$$\textcircled{11} 2\frac{1}{2} \times 1\frac{2}{5}$$

$$\textcircled{12} 2\frac{1}{4} \times 3\frac{2}{3}$$

$$\textcircled{13} 1\frac{7}{8} \times 1\frac{1}{3}$$

Answers 11 – 21

$\textcircled{T} 4\frac{5}{6}$	<input checked="" type="radio"/>	$8\frac{1}{4}$	$\textcircled{S} 21$	$\textcircled{K} 10\frac{1}{2}$	$\textcircled{E} 3\frac{1}{2}$	$\textcircled{N} 9\frac{3}{8}$	$\textcircled{L} 12\frac{1}{2}$
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$\textcircled{D} 2\frac{2}{9}$	$\textcircled{C} 11\frac{1}{5}$	$\textcircled{O} 2\frac{1}{2}$	<input checked="" type="radio"/>	$9\frac{1}{5}$	$\textcircled{I} 11\frac{3}{4}$	$\textcircled{F} 4\frac{2}{3}$	$\textcircled{D} 6\frac{2}{3}$
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6	2	12	14	8	11	18	1	5	9	20	10	15	7	16	21	4	19	13	3	17
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$$\textcircled{14} \quad 1\frac{3}{5} \times 4\frac{1}{6}$$

$$\textcircled{15} \quad 1\frac{3}{4} \times 6$$

$$\textcircled{16} \quad 2\frac{3}{10} \times 4$$

Answers 11 – 21

$\textcircled{T} \quad 4\frac{5}{6}$	$\bullet \quad 8\frac{1}{4}$	$\textcircled{S} \quad 21$	$\textcircled{K} \quad 10\frac{1}{2}$	$\textcircled{E} \quad 3\frac{1}{2}$	$\textcircled{N} \quad 9\frac{3}{8}$	$\textcircled{L} \quad 12\frac{1}{2}$
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$\textcircled{D} \quad 2\frac{2}{9}$	$\textcircled{C} \quad 11\frac{1}{5}$	$\textcircled{O} \quad 2\frac{1}{2}$	$\bullet \quad 9\frac{1}{5}$	$\textcircled{I} \quad 11\frac{3}{4}$	$\textcircled{F} \quad 4\frac{2}{3}$	$\textcircled{D} \quad 6\frac{2}{3}$
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6	2	12	14	8	11	18	1	5	9	20	10	15	7	16	21	4	19	13	3	17
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$$\textcircled{17} \quad 8\frac{1}{3} \times \frac{4}{15}$$

$$\textcircled{18} \quad 7\frac{1}{2} \times 2\frac{4}{5}$$

$$\textcircled{19} \quad 4\frac{1}{12} \times 1\frac{1}{7}$$

Answers 11 – 21

$\textcircled{T}$ $4\frac{5}{6}$	<input checked="" type="radio"/>	$8\frac{1}{4}$	$\textcircled{S}$ 21	$\textcircled{K}$ $10\frac{1}{2}$	$\textcircled{E}$ $3\frac{1}{2}$	$\textcircled{N}$ $9\frac{3}{8}$	$\textcircled{L}$ $12\frac{1}{2}$
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$\textcircled{D}$ $2\frac{2}{9}$	$\textcircled{C}$ $11\frac{1}{5}$	$\textcircled{O}$ $2\frac{1}{2}$	<input checked="" type="radio"/>	$9\frac{1}{5}$	$\textcircled{I}$ $11\frac{3}{4}$	$\textcircled{F}$ $4\frac{2}{3}$	$\textcircled{D}$ $6\frac{2}{3}$
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6	2	12	14	8	11	18	1	5	9	20	10	15	7	16	21	4	19	13	3	17
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$$\textcircled{20} \quad 3\frac{1}{8} \times 1\frac{3}{5} \times 2\frac{1}{2}$$

$$\textcircled{21} \quad 2\frac{2}{3} \times \frac{7}{10} \times 6$$

Answers 11 – 21

$\textcircled{T} \quad 4\frac{5}{6}$	<input checked="" type="radio"/>	$8\frac{1}{4}$	$\textcircled{S} \quad 21$	$\textcircled{K} \quad 10\frac{1}{2}$	$\textcircled{E} \quad 3\frac{1}{2}$	$\textcircled{N} \quad 9\frac{3}{8}$	$\textcircled{L} \quad 12\frac{1}{2}$
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$\textcircled{D} \quad 2\frac{2}{9}$	$\textcircled{C} \quad 11\frac{1}{5}$	$\textcircled{O} \quad 2\frac{1}{2}$	<input checked="" type="radio"/>	$9\frac{1}{5}$	$\textcircled{I} \quad 11\frac{3}{4}$	$\textcircled{F} \quad 4\frac{2}{3}$	$\textcircled{D} \quad 6\frac{2}{3}$
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6	2	12	14	8	11	18	1	5	9	20	10	15	7	16	21	4	19	13	3	17
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