

Math Practice Exam for Term 2 _ 2025/2026

Units	8, 9 and 10
Cycle	2
Grade/ Section	5 Advanced
Student Name	
Student ID No.	

Type of Questions	Grade	Name of the corrector
MCQ	/60	
FRQ1	/9	
FRQ2	/8	
FRQ3	/7	
FRQ4	/8	
FRQ5	/8	

Show me YOUR BEST 😊

Al-Salamah Girl's School_C2&C3

Question 1

What is $55.8 \div 0.01$?

A	5.58	C	55.8
B	558	D	5580

Question 2

Which statement is correct about dividing by 0.1?

A	The number becomes smaller	C	The number becomes larger
B	The decimal moves left	D	The value stays the same

Question 3

What happens when you divide 50.5 by 0.01?

A	The decimal moves 2 places to the right	C	The decimal moves 1 place to the left
B	The decimal moves 1 place to the right	D	The decimal moves 2 places to the left

Question 4

What happens when you divide 16.4 by 10?

A	The decimal moves 1 place to the left	C	The decimal moves 1 place to the right
B	The decimal moves 2 places to the left	D	The decimal moves 2 places to the right

Question 5

A student says:

$$33.2 \div 0.1 = 3.32$$

What is the mistake?

A	The decimal moved the wrong direction	C	The student multiplied instead of dividing
B	The decimal moved too many places	D	There is no mistake

Question 6

Which number makes the statement true?

$$\underline{\hspace{1cm}} \div 100 = 4.448$$

A	44.48	C	0.4448
B	444.8	D	4448

Question 7

What happens when you divide 33.2 by 0.1?

A	The decimal moves 2 places to the left	C	The decimal moves 1 place to the left
B	The decimal moves 1 place to the right	D	The decimal moves 2 places to the right

Question 8

What is the value of $7.5 \div 0.1$?

A	0.75	C	75
B	7.5	D	750

Question 9

Which number completes the pattern?

$$64.2 \div 10 = 6.42$$

$$64.2 \div 1 = 64.2$$

$$64.2 \div 0.1 = \underline{\hspace{1cm}}$$

A	0.642	C	642
B	6.42	D	6420

Question 10

A student says:

$$7.5 \div 0.1 = 0.75$$

What is the mistake?

A	The decimal moved in the wrong direction	C	The student divided instead of multiplied
B	The decimal moved too many places	D	There is no mistake

Question 1

Which is a reasonable calculated quotient for each expression?

$7.78 \div 0.84 = d$

A	92	C	0.92
B	9.2	D	1.92

Question 2

Which is a reasonable calculated quotient for each expression?

$23.4 \div 3.2 = s$

A	7.3	C	70.3
B	73.3	D	780.3

Which is a reasonable calculated quotient for each expression?

$4.2 \div 0.96 = b$

A	43.75	C	4.3
B	33.75	D	0.43

Question 4

Which is a reasonable calculated quotient for each expression?

$13.2 \div 7.4 = p$

A	1.7	C	17.2
B	10.7	D	170.3

Question 1

Which shows an equivalent representation of the expression $0.48 \div 6$?

A		$48 \div 6$	C		48 hundredths $\div 6$
B		48 tenths $\div 6$	D		$0.48 \div 0.6$

Question 2

Which shows an equivalent representation of the expression $3.25 \div 5$?

A		$325 \div 5$	C		325 tenths $\div 5$
B		$32.5 \div 5$	D		325 hundredths $\div 5$

Question 3

What is the quotient?

$$0.32 \div 8 =$$

A		0.4	C		0.25
B		0.04	D		4

Question 4

What is the quotient?

$$0.45 \div 5 =$$

A		0.9	C		0.45
B		0.09	D		0.005

Question 5

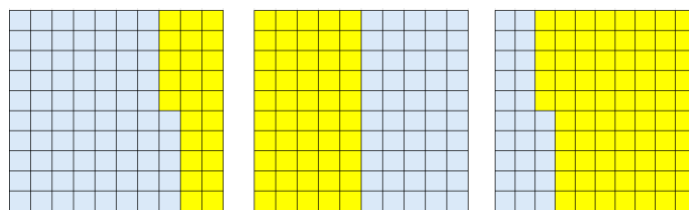
What is the quotient?

$$0.72 \div 9 =$$

A		0.08	C		0.18
B		0.8	D		0.008

Question 1

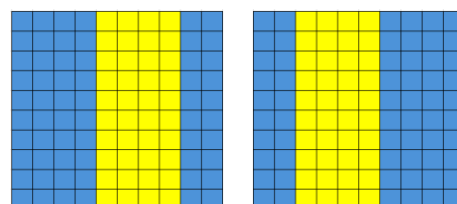
The equation that is represented by the model is :



A		$0.75 \div 3 = 4$	C		$3 \div 0.4 = 0.75$
B		$4 \div 0.75 = 3$	D		$3 \div 0.75 = 4$

Question 2

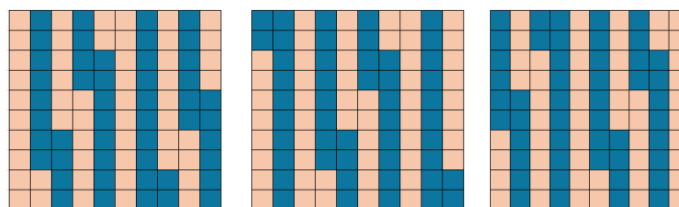
The equation that is represented by the model is :



A		$5 \div 0.4 = 2$	C		$0.4 \div 2 = 5$
B		$2 \div 0.4 = 5$	D		$2 \div 0.5 = 0.4$

Question 3

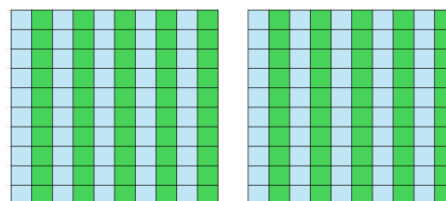
The equation that is represented by the model is :



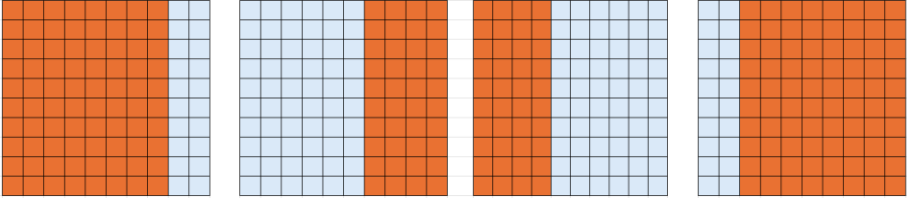
A		$3 \div 0.12 = 25$	C		$25 \div 0.12 = 3$
B		$0.12 \div 3 = 25$	D		$3 \div 2.5 = 0.12$

Question 4

The equation that is represented by the model is:



A		$0.1 \div 2 = 20$	C		$20 \div 0.1 = 2$
B		$2 \div 0.1 = 20$	D		$2 \div 2.0 = 0.1$

Question 5					
The equation that is represented by the model is:					
A		$0.8 \div 4 = 5$	C		$4 \div 0.5 = 8$
B		$4 \div 0.8 = 5$	D		$5 \div 0.8 = 4$

Question 1

What is the quotient of $6 \div 0.2$?

A	1.2	C	30
B	3	D	0.3

Question 2

What is the quotient of $84 \div 1.2$?

A	7	C	700
B	70	D	0.7

Question 3

What is the quotient of $9 \div 0.6$?

A	1.5	C	0.15
B	15	D	150

Question 4

What is the quotient of $56 \div 3.5$?

A	1.6	C	160
B	16	D	0.16

Question 1

Which strategy is BEST to solve $10.8 \div 1.2$?

A	Multiply both numbers by 10 to make whole numbers	C	Multiply both numbers by 100
B	Subtract repeatedly	D	Guess and check

Question 2

Which expression is equivalent to $5.18 \div 0.74$?

A	$518 \div 0.74$	C	$518 \div 74$
B	$5.18 \div 74$	D	$51.8 \div 74$

Question 3

What is the quotient of $27.6 \div 4.6$?

A	0.6	C	60
B	6	D	4.6

Question 4

What is the quotient of $11.2 \div 1.6$?

A	0.7	C	70
B	7	D	1.6

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Question 1

Which of the following is a reasonable estimation for $\frac{2}{9} + \frac{4}{5}$

A		$0+0.5=0.5$	C		$1+0.5=1.5$
B		$0+1=1$	D		$1+1=2$

Question 2

Which of the following is a reasonable estimation for $\frac{3}{14} + \frac{2}{6}$

A		$1+0.5=1.5$	C		$0+0.5=0.5$
B		$0+1=1$	D		$0.5+0.5=1$

Question 3

Which of the following is a reasonable estimation for $\frac{5}{6} + \frac{3}{7}$

A		$0.5+0.5=1$	C		$0+0.5=0.5$
B		$0+1=1$	D		$1+0.5=1.5$

Question 4

Which of the following is a reasonable estimation for $\frac{1}{5} + \frac{7}{8}$

A		$0+1=1$	C		$1+0.5=1.5$
B		$0.5+0.5=1$	D		$1+1=2$

Question 5

Which of the following is a reasonable estimation for $\frac{4}{9} + \frac{5}{10}$

A		$0.5+0.5=1$	C		$1+0.5=1.5$
B		$0+1=1$	D		$1+1=2$

Question 1

Which multiple can you use as a like denominator to add the fractions? $\frac{1}{4} + \frac{2}{3}$

A	4	C	12
B	3	D	7

Question 2

Which multiple can you use as a like denominator to add the fractions? $\frac{3}{5} + \frac{1}{4}$

A	5	C	9
B	4	D	20

Question 3

Which multiple can you use as a like denominator to add the fractions? $\frac{2}{7} + \frac{5}{6}$

A	7	C	13
B	6	D	42

Question 4

Which multiple can you use as a like denominator to add the fractions? $\frac{3}{8} + \frac{1}{6}$

A	8	C	14
B	6	D	48

Question 5

Which multiple can you use as a like denominator to add the fractions? $\frac{4}{9} + \frac{2}{3}$

A	3	C	4
B	9	D	12

Question 1

Which of the following is a reasonable estimation for $\frac{2}{9} + \frac{4}{5}$

A		$0+0.5=0.5$	C		$1+0.5=1.5$
B		$0+1=1$	D		$1+1=2$

Question 2

Which of the following is a reasonable estimation for $\frac{3}{14} + \frac{2}{6}$

A		$1+0.5=1.5$	C		$0+0.5=0.5$
B		$0+1=1$	D		$0.5+0.5=1$

Question 3

Which of the following is a reasonable estimation for $\frac{5}{6} + \frac{3}{7}$

A		$0.5+0.5=1$	C		$0+0.5=0.5$
B		$0+1=1$	D		$1+0.5=1.5$

Question 4

Which of the following is a reasonable estimation for $\frac{1}{5} + \frac{7}{8}$

A		$0+1=1$	C		$1+0.5=1.5$
B		$0.5+0.5=1$	D		$1+1=2$

Question 5

Which of the following is a reasonable estimation for $\frac{4}{9} + \frac{5}{10}$

A		$0.5+0.5=1$	C		$1+0.5=1.5$
B		$0+1=1$	D		$1+1=2$

Question 1

What is the sum

$$2\frac{1}{4} + 3\frac{3}{8} ?$$

A		$5\frac{3}{8}$	C		$6\frac{1}{8}$
B		$5\frac{5}{8}$	D		$6\frac{5}{8}$

Question 2

Which sum equals 7?

A		$3\frac{1}{2} + 3\frac{1}{4}$	C		$5\frac{1}{2} + 1\frac{1}{2}$
B		$4\frac{3}{4} + 2\frac{1}{4}$	D		$6\frac{3}{4} + \frac{1}{4}$

Question 3

$$5\frac{3}{10} + 2\frac{7}{10} = 8$$

Which choice is correct?

A		Correct	C		Incorrect, the sum is $8\frac{1}{10}$
B		Incorrect, the sum is $7\frac{9}{10}$	D		Incorrect, the sum is 9

Question 4

Which equation is true?

A		$5\frac{2}{3} + 1\frac{1}{3} = 6\frac{2}{3}$	C		$3\frac{1}{2} + 2\frac{1}{2} = 6$
B		$4\frac{3}{4} + 2\frac{1}{4} = 7$	D		$6\frac{1}{5} + 1\frac{4}{5} = 9$

Question 5

$$2\frac{4}{6} + 3\frac{2}{6} =$$

A		$5\frac{6}{6}$	C		$5\frac{1}{3}$
B		6	D		$6\frac{1}{3}$

Question 1

What is the difference?

$$5\frac{1}{4} - 2\frac{3}{8} ?$$

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

C $3\frac{1}{8}$

B $2\frac{7}{8}$

D $3\frac{5}{8}$

Question 2

Which difference equals 3?

A $5\frac{1}{2} - 2\frac{1}{2}$

C $5\frac{1}{4} - 2\frac{3}{8}$

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

D $5\frac{1}{2} - 2\frac{1}{4}$

Question 3

$$6\frac{3}{10} - 2\frac{7}{10} = 4$$

Which choice is correct?

A Correct

C Incorrect, the difference is $4\frac{6}{10}$

B Incorrect, the difference is $3\frac{6}{10}$

D Incorrect, the difference is 3

Question 4

Which equation is true?

A $7\frac{2}{3} - 1\frac{1}{3} = 6\frac{1}{3}$

C $5\frac{1}{2} - 2\frac{1}{2} = 3$

B $6\frac{3}{4} - 2\frac{1}{4} = 4\frac{1}{2}$

D $8\frac{1}{5} - 3\frac{4}{5} = 5$

Question 5

$$4\frac{2}{3} - 1\frac{3}{6} =$$

A $2\frac{5}{6}$

C $3\frac{1}{6}$

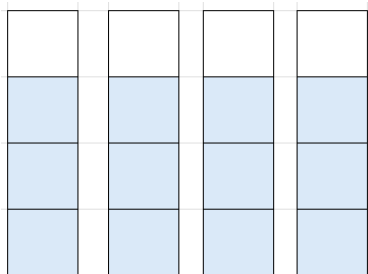
B $2\frac{1}{6}$

D $3\frac{5}{6}$

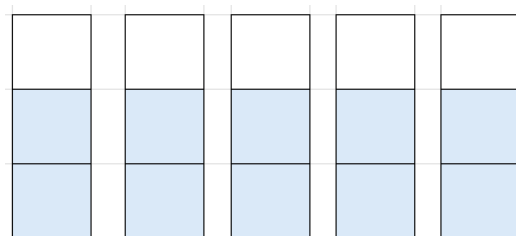
Question 1

Which of the following is representation of $5 \times \frac{3}{4}$?

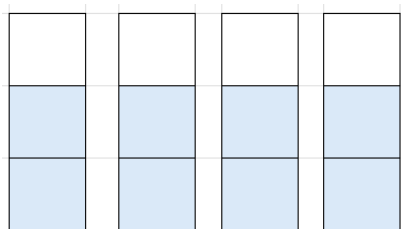
A



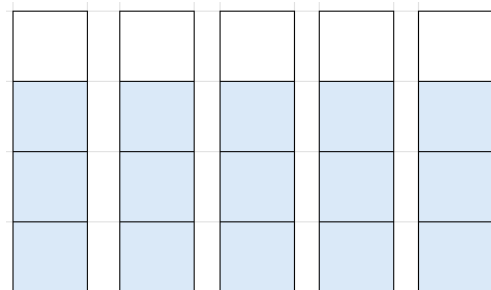
C



B



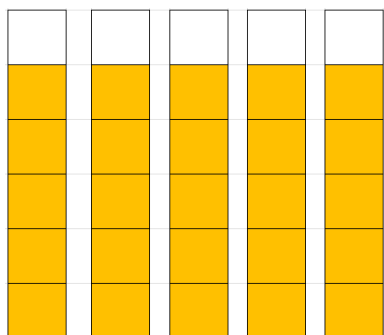
D



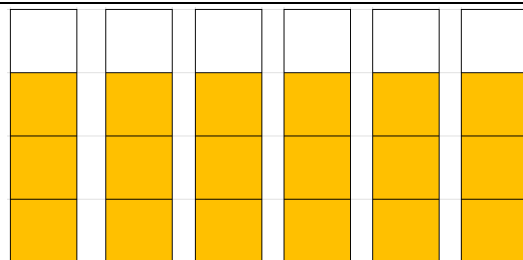
Question 2

Which of the following is representation of $5 \times \frac{5}{6}$?

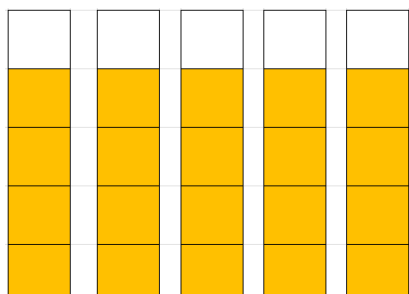
A



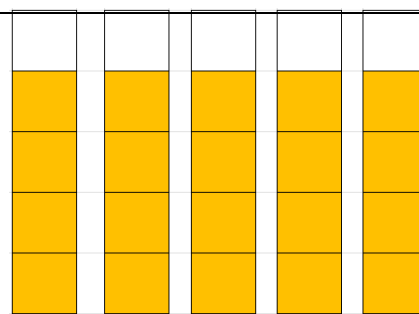
C



B

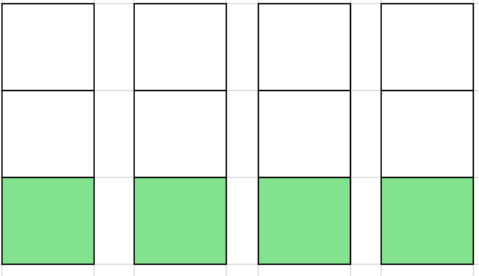
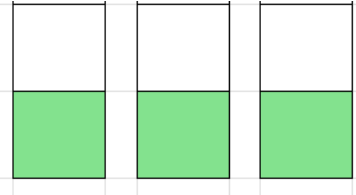
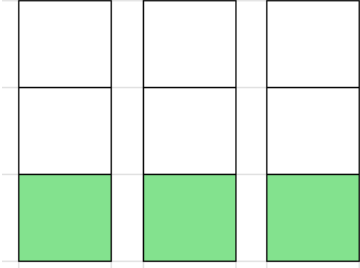
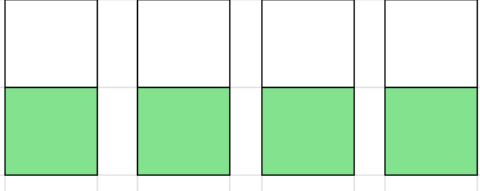


D



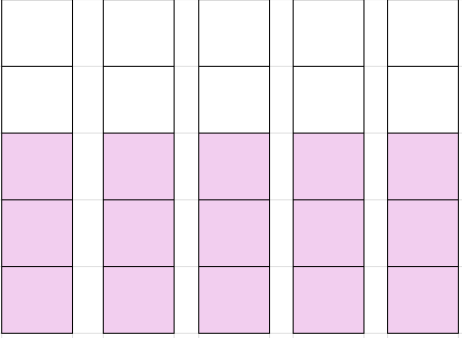
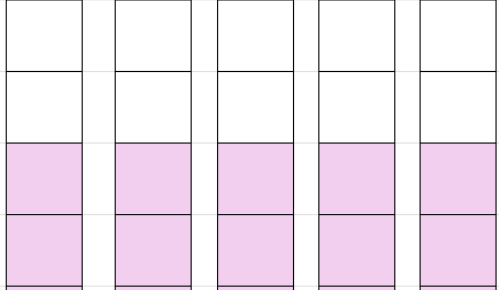
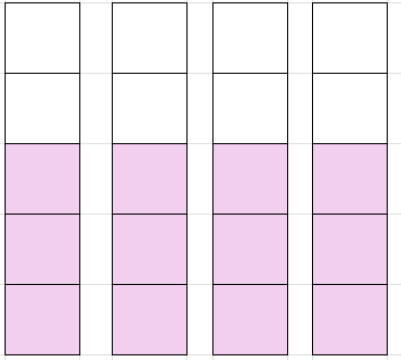
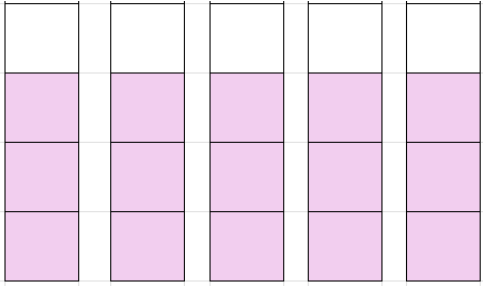
Question 3

Which of the following is representation of $3 \times \frac{1}{3}$?

A			C	
B			D	

Question 4

Which of the following is representation of $5 \times \frac{3}{5}$?

A			C	
B			D	

Question 1

What is the missing number in the multiplication?

$$\frac{2}{9} \times \square = \frac{2}{3}$$

A	3	C	5
B	6	D	9

Question 2

Complete the equation.

$$\frac{3}{4} \times 6 = ?$$

A	$\frac{18}{4}$	C	$\frac{9}{2}$
B	$\frac{3}{24}$	D	$\frac{18}{24}$

Question 3

A student says:

$$\frac{4}{5} \times 5 = \frac{4}{25}$$

Which answer is correct?

A	Correct	C	Incorrect, the product is $\frac{4}{1}$
B	Incorrect, the product is $\frac{20}{5}$	D	Incorrect, the product is $\frac{4}{25}$

Question 4

Which expression shows the correct multiplication?

$$\frac{5}{6} \times 4$$

A	$\frac{5 \times 4}{6}$	C	$\frac{20}{6}$
B	$\frac{5}{6 \times 4}$	D	$\frac{5}{24}$

Question 1

A bottle of water holds $\frac{2}{12}$ gallon. A package has 18 bottles.
How much water is in the package?

A	8 gallons	C	$\frac{36}{12} = 3$ gallons
B	6 gallons	D	$\frac{18}{12} = 1\frac{1}{2}$ gallons

Question 2

Areej has a drone that she flies $\frac{3}{8}$ of a mile every day for 7 days.
How far does she fly her drone?

A	$\frac{21}{8} = 2\frac{5}{8}$ miles	C	$\frac{3}{56}$ mile
B	$\frac{10}{8} = 1\frac{1}{4}$ miles	D	$\frac{7}{8}$ mile

Question 3

A male seal at the aquarium weighs 3 tons. A female seal weighs $\frac{3}{4}$ as much as the male seal.
What is the weight of the female seal?

A	$\frac{9}{4} = 2\frac{1}{4}$ tons	C	$3\frac{3}{4}$ tons
B	$\frac{3}{4}$ ton	D	4 tons

Question 4

Rashed plants vegetables in $\frac{4}{5}$ of his garden. The total area of his garden is 15 square meters.
What area of the garden will NOT be planted with vegetables?

A	$\frac{70}{6} = 11\frac{2}{3}$ inches	C	$9\frac{1}{3}$ inches
B	$\frac{5}{6}$ inch	D	14inches

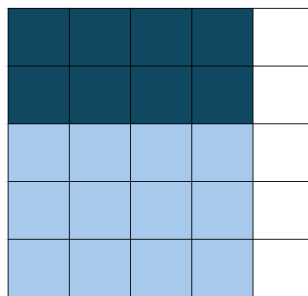
Question 5

Tala goes to school for 7 hours each day. She spends $\frac{4}{5}$ of the day in class. How many hours does she spend in class each school day?

A	4hours	C	$\frac{21}{5} = 4\frac{1}{5}$ hours
B	$\frac{28}{5} = 5\frac{3}{5}$ hours	D	7hours

Question 1

The Area model Represents which product ?



A

$$\frac{4}{5} \times \frac{2}{5}$$

C

$$\frac{4}{5} \times \frac{2}{3}$$

B

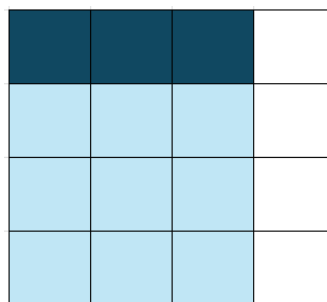
$$\frac{5}{4} \times \frac{2}{5}$$

D

$$\frac{3}{4} \times \frac{2}{4}$$

Question 2

The Area model Represents which product ?



A

$$\frac{3}{4} \times \frac{1}{4}$$

C

$$\frac{9}{4} \times \frac{1}{4}$$

B

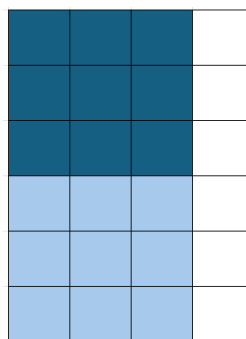
$$\frac{2}{3} \times \frac{1}{4}$$

D

$$\frac{3}{5} \times \frac{1}{5}$$

Question 3

The Area model Represents which product ?



A

$$\frac{3}{5} \times \frac{3}{4}$$

C

$$\frac{3}{9} \times \frac{3}{4}$$

B

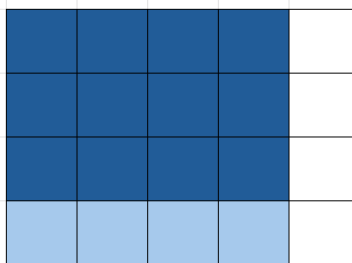
$$\frac{4}{6} \times \frac{3}{4}$$

D

$$\frac{3}{6} \times \frac{3}{4}$$

Question 4

The Area model Represents which product ?



A

$$\frac{3}{5} \times \frac{3}{4}$$

C

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

B

$$\frac{4}{5} \times \frac{3}{5}$$

D

$$\frac{4}{5} \times \frac{3}{4}$$

Question 1

What is the missing number?

$$\frac{2}{7} \times \square = \frac{6}{35}$$

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

Question 2

Which expression has the same value as

$$\frac{3}{4} \times \frac{2}{5} ?$$

A	$\frac{6}{20}$	C	$\frac{5}{8}$
B	$\frac{3}{10}$	D	$\frac{6}{9}$

Question 3

$$\frac{5}{6} \times \frac{4}{9} = \frac{20}{54}$$

Which choice is correct?

A	True	C	False, the product is $\frac{20}{15}$
B	False, the product is $\frac{10}{27}$	D	False, the product is $\frac{9}{10}$

Question 4

What is the product of

$$\frac{4}{9} \times \frac{3}{5} ?$$

A	$\frac{12}{45}$	C	$\frac{12}{14}$
B	$\frac{7}{14}$	D	$\frac{13}{14}$

Elisha is buying a trumpet that costs \$145.50. She will make 10 equal payments to pay for the trumpet.

a) Write an equation that represents the amount of money Elisha will pay in each payment.

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b) Find the amount of each payment. Show your work.

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Question

1

Danny walked 567.3 miles in 100 days.

Michelle walked 567.3 miles by walking 0.1 mile each day.

a) How many days did Michelle walk? Show how you found your answer.

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b) Who walked for more days? Who walked farther each day? Explain your reasoning using numbers.

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Bryson's bicycling club goes on a long ride 10 Saturdays each year. Last year, the club rode a total of 125.6 miles.

a) Write a division expression to represent the average distance they rode each trip.

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b) Find the average distance per trip. Show your work and include units.

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Three friends equally split the cost of a large bag of popcorn. The total cost was \$6.12. How much did each person have to pay?

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Saffron is using 4.5 cups of sugar to make cookies. She is making 5 batches. How many cups of sugar will be in each batch?

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Question

2

A piece of ribbon is 0.64 meter long. Kylie is going to cut it into 4 equal pieces. How long will each piece be?

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Question

3

a) $\frac{3}{5} + \frac{1}{4}$

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b) $\frac{2}{3} + \frac{1}{6}$

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c) $\frac{5}{8} + \frac{3}{4}$

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d) $\frac{7}{9} - \frac{1}{3}$

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e) $\frac{5}{6} - \frac{1}{4}$

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f) $\frac{3}{4} - \frac{1}{8}$

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Maryam runs each day and records the distances she runs. On Friday, she ran $2\frac{1}{6}$ miles less than on Monday.

The table shows the distances Maryam ran on different days.

Day	Miles
Monday	$2\frac{2}{3}$
Tuesday	$4\frac{3}{5}$
Wednesday	$5\frac{6}{8}$
Thursday	
Friday	

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Maryam runs each day and records the distances she runs. How many more miles did Maryam run on Wednesday than on Monday?

Day	Miles
Monday	$2\frac{2}{3}$
Tuesday	$4\frac{3}{5}$
Wednesday	$5\frac{6}{8}$
Thursday	
Friday	

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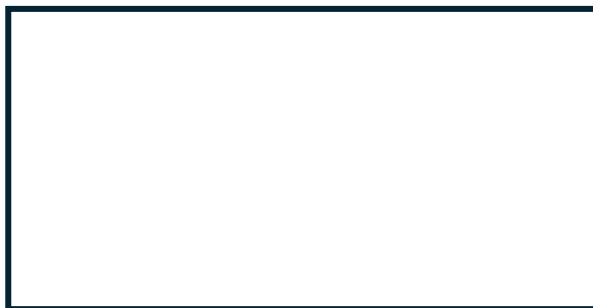
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Question

5

Use Area Model to find the product $1\frac{2}{4} \times 2\frac{1}{3}$



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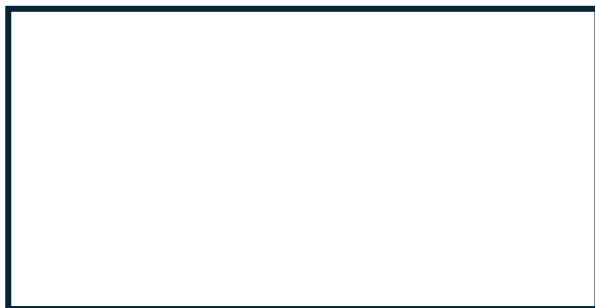
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Question

5

Use Area Model to find the product $3\frac{1}{3} \times 1\frac{1}{3}$



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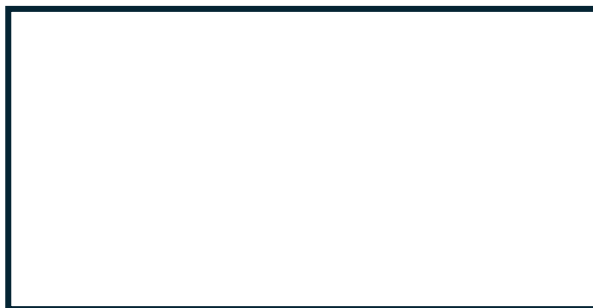
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Question

5

Use Area Model to find the product $2\frac{1}{2} \times 3\frac{2}{3}$



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