

Name: _____

Date: _____

Test A

35 min

50

Score

Unit 4 Operations on Fractions

Section A (2 points each)

Circle the correct option: **A**, **B**, **C**, or **D**.1. Add $\frac{1}{2}$ to $\frac{3}{10}$. What is the answer?

A $\frac{4}{12}$

B $\frac{6}{10}$

C $\frac{4}{10}$

D $\frac{4}{5}$

2. What is the missing fraction?

$$\frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6} = 1 + \boxed{?}$$

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

B $2\frac{1}{3}$

C $\frac{20}{24}$

D $\frac{20}{6}$

3. $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$ is the same as which of the following expressions?

A $\frac{1}{8} + 6$

B $\frac{1}{8} \times 6$

C $\frac{1}{8} \times \frac{1}{6}$

D 6×8

Section B (2 points each)

6. Add $\frac{3}{12}$ and $\frac{1}{2}$. What is the answer?

7. Subtract $\frac{1}{3}$ from $\frac{5}{9}$. What is the answer?

8. What is $\frac{5}{8}$ of 400?

Section C (4 points each)

16. Tenika has 30 stamps. 18 of them are U.S. stamps and the rest are foreign stamps. What fraction of her stamps are foreign stamps?

17. There are 72 people at a concert. $\frac{5}{9}$ of them are children.
How many adults are there?

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Unit 4 Operations on Fractions

Section A (2 points each)

Circle the correct option: **A**, **B**, **C**, or **D**.

1. What is $3\frac{5}{12} - 1\frac{1}{4}$?

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

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

C $2\frac{4}{12}$

D $2\frac{5}{12}$

2. What is the missing fraction?

$$\frac{1}{2} + \frac{1}{2} + \frac{3}{4} + \frac{3}{4} = 1 + \boxed{?}$$

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

B 4

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

D $\frac{8}{12}$

3. What fraction of a 120-page book is 40 pages?

A $\frac{1}{3}$

B $\frac{1}{4}$

C $\frac{1}{5}$

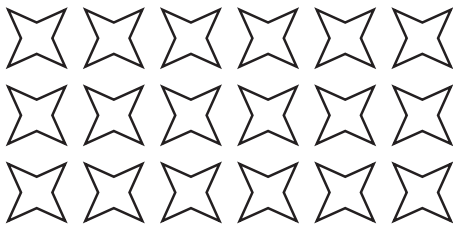
D $\frac{2}{3}$

Section B (2 points each)

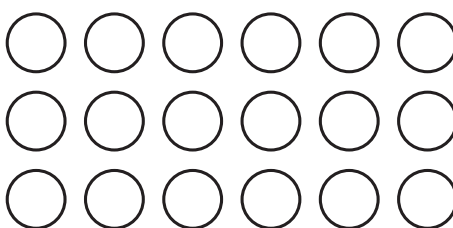
6. What is the value of $\frac{7}{10} + \frac{3}{5} + \frac{1}{5}$? Write the answer in its simplest form.

7. Shade to show the given fraction in each set.

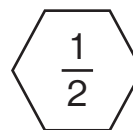
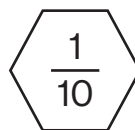
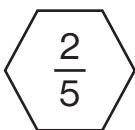
a) $\frac{2}{3}$ of the set

$\frac{2}{3}$ of the set	
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b) $\frac{5}{6}$ of the set

$\frac{5}{6}$ of the set	
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8. Circle the three fractions that add up to 1 whole.



Section C (4 points each)

16. Kenya bought 2 pieces of fabric. The 1st piece was $\frac{1}{6}$ m long and the 2nd piece was $\frac{1}{12}$ m longer than the 1st piece. What was the total length of the fabric Kenya bought?

17. Karim bought 2 kg of flour. He used $\frac{4}{5}$ kg of flour to bake bread and $\frac{7}{15}$ kg of flour to bake some cupcakes. How many kilograms of flour did he have left?

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Continual Assessment 2

Section A (2 points each)

Circle the correct option: **A**, **B**, **C**, or **D**.

- The digit 7 in 73,628 stands for _____.
A 7×10 **B** 7×100
C $7 \times 1,000$ **D** $7 \times 10,000$

- Which of the following when rounded to the nearest ten thousand is \$1,000,000?
A \$990,500 **B** \$995,000
C \$959,900 **D** \$959,000

- Which of the following is the closest estimate for 74×97 ?
A 70×90 **B** 70×100
C 50×100 **D** 80×100

Section B (2 points each)

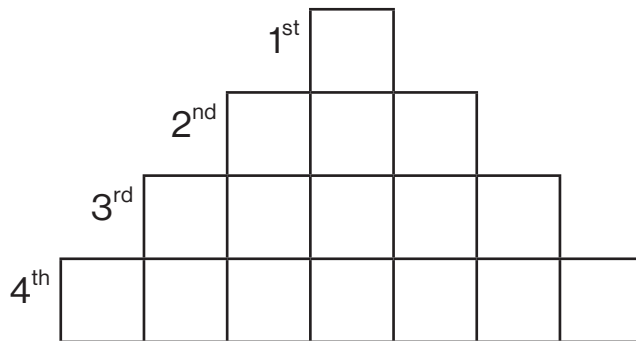
11. 79,954 is _____ when rounded to the nearest hundred.

12. What is the greatest common factor of 18 and 24?

13. Using the digits given below, form the smallest 4-digit number which is a multiple of 5.



23. How many bricks will there be in the 5th layer if the pattern continues?



24. A bucket holds 3 L of water. A bottle can hold $\frac{1}{5}$ of this amount.
How many milliliters of water can the bottle hold?

Name: _____

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Test B

50 min



60

Score

Continual Assessment 2

Section A (2 points each)

Circle the correct option: **A**, **B**, **C**, or **D**.

1. 25,947 when rounded to the nearest hundred is ?.

A 25,900

B 25,940

C 26,000

D 25,950

2. 92,052 is the same as ?.

A $90,000 + 200 + 500 + 2$

B $90,000 + 2,000 + 50 + 2$

C $9,000 + 2,000 + 50 + 2$

D $9,000 + 200 + 50 + 2$

3. Add the values of the digit 3 in 361,790 and 543,800.
The answer is ?.

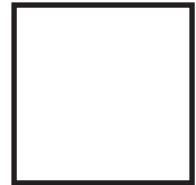
A 330

B 3,030

C 33,000

D 303,000

14. Irene is using a 200-cm wire to form squares as shown to the right. What is the maximum number of such squares she can form?



4 cm

15. The sum of two numbers is 623. If the bigger number is 6 times the smaller number, what is the bigger number?

16. What number does the letter W represent below?
Express your answer as a fraction.



Section C (4 points each)

21. Stefani and Reagan share some coins. Stefani gets $\frac{2}{5}$ of the coins and Reagan gets 30 coins more than Stefani. How many coins do they have altogether?
22. Three friends Alex, Brandi, and Carlos collected a total of 183 cans. Brandi collected 19 cans more than Alex, but 25 cans fewer than Carlos. How many cans did Alex collect?