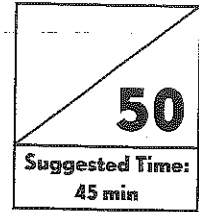


Name: _____

Date: _____

Benchmark Assessment 1

for Chapters 1 to 4



Multiple Choice

(10 × 2 points = 20 points)

Fill in the circle next to the correct answer.

- Estimate the product of 1,398 and 8 by rounding to the nearest thousand.
(A) 6,000 (B) 8,000 (C) 9,000 (D) 12,000
- Find the sum of the value of 8 in 387,562 and the value of 7 in 7,328,562.
(A) 1,500 (B) 7,800 (C) 7,800,000 (D) 7,080,000
- Find the value of $56 + 9 - (18 \div 6) \times 2$.
(A) 53 (B) 59 (C) 62 (D) 124
- A supermarket has 64 cartons of 40 peaches. The peaches are packed into bags of 8 each. How many bags of peaches are there?
(A) 105 (B) 140 (C) 320 (D) 336
- A van cost \$72,655. Mr. Smith paid a deposit of \$66,655 and he will pay the rest in 12 equal payments. How much does he have to pay for each payment?
(A) \$500 (B) \$2,000 (C) \$5,000 (D) \$6,000

6. Adam's father is 3 times as old as Adam. Two years ago, Adam was 15 years old. How old will his father be in 5 years?
- (A) 44 years (B) 50 years (C) 51 years (D) 56 years
7. What is the value of $\frac{9}{5} \times \frac{1}{3}$?
- (A) $\frac{3}{5}$ (B) $1\frac{7}{15}$ (C) $2\frac{2}{15}$ (D) $5\frac{2}{5}$
8. Claire has $\frac{3}{2}$ liters of water. She pours the water equally into 6 glasses. How much water is in each glass?
- (A) $\frac{1}{4}$ L (B) $1\frac{1}{12}$ L (C) $7\frac{1}{2}$ L (D) 9 L
9. Write the product of $\frac{7}{20}$ and 3 as a decimal.
- (A) 0.86 (B) 0.95 (C) 1.05 (D) 2.1
10. Alice has \$560 in the bank. She uses $\frac{1}{4}$ of it to buy a bag and $\frac{2}{3}$ of the remaining money to buy a present for her mother. How much money does Alice have left?
- (A) \$70 (B) \$140 (C) \$208 (D) \$420

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Short Answer

(10 × 2 points = 20 points)

Write your answer in the space given.

11. Find the value of the digit 7 in 6,734,254. _____

12. Use these digits to make the least 6-digit even number.

6, 1, 4, 7, 2, 8

13. Billy wants to buy 657 mugs. The mugs are sold for a price of 3 for \$4. How much must Billy pay for all the mugs?

14. There are 15 groups of people at a function. Each group has 32 people in it. The people are then regrouped into 16 equal groups. How many people are there in each group now?

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15. Find the value of $3\frac{2}{5} + 9\frac{4}{15}$.

16. Express the value of $\frac{6}{25} \times \frac{3}{4}$ as a decimal.

17. Belinda has a bag of beads. She uses $\frac{1}{3}$ of the beads to make a bracelet and $\frac{3}{5}$ of the beads to make a necklace. She uses 36 more beads to make the necklace. How many beads does Belinda use to make the bracelet?

Name: _____

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18. Jenny baked some biscuits. The first batch of biscuits she baked contained $1\frac{2}{3}$ pounds of biscuits and the second batch contained $2\frac{1}{2}$ pounds of biscuits. How many pounds of biscuits did she bake in all?

19. The length of a rectangle is $\frac{2}{5}$ meter. Its width is $\frac{1}{4}$ of its length. What is the perimeter of the rectangle?

20. A travel company has 132 tourists who are going on a boat ride. Each boat holds 8 passengers. How many boats does the travel company need to book?

Name: _____

Date: _____

Extended Response

(Question 21 and 22: 2×3 points = 6 points,
Question 23: 4 points)

Solve. Show your work.

21. Patrick has $1\frac{1}{2}$ liters of blue paint and $3\frac{3}{5}$ liters of red paint. He mixes $\frac{2}{3}$ of the blue paint and $\frac{5}{6}$ of the red paint to get purple paint. How much purple paint does Patrick have?
22. Mrs. Sanchez has a bag of assorted nuts that contain almonds, pecans, and walnuts. $\frac{1}{3}$ of the nuts are almonds and $\frac{3}{4}$ of the remainder are pecans. There are 300 nuts in the bag. How many walnuts are in the bag?

Name: _____

Date: _____

Solve. Show your work.

23. Mr. and Mrs. Jefferson have a total of \$5,170 in a bank. At the end of the month, Mr. Jefferson deposits \$450 into his account, and Mrs. Jefferson deposits \$626 into her account. They now have an equal amount of money in their accounts. How much money did each of them have at first?

Bonus Questions

Solve. Show your work.

1. Leslie has 10 small gift cards. Some are square in shape and some are triangular. The cards have 34 sides altogether. How many square cards does Leslie have?

Name: _____

Date: _____

Solve. Show your work.

2. A grocer had some eggs. When he packed them into **groups of 4**, there were **3 eggs left over**. When he packed them into **groups of 5**, there were **2 eggs left over**. When he packed them into **groups of 9**, there were **no eggs left over**. Find the least number of eggs the grocer had.