

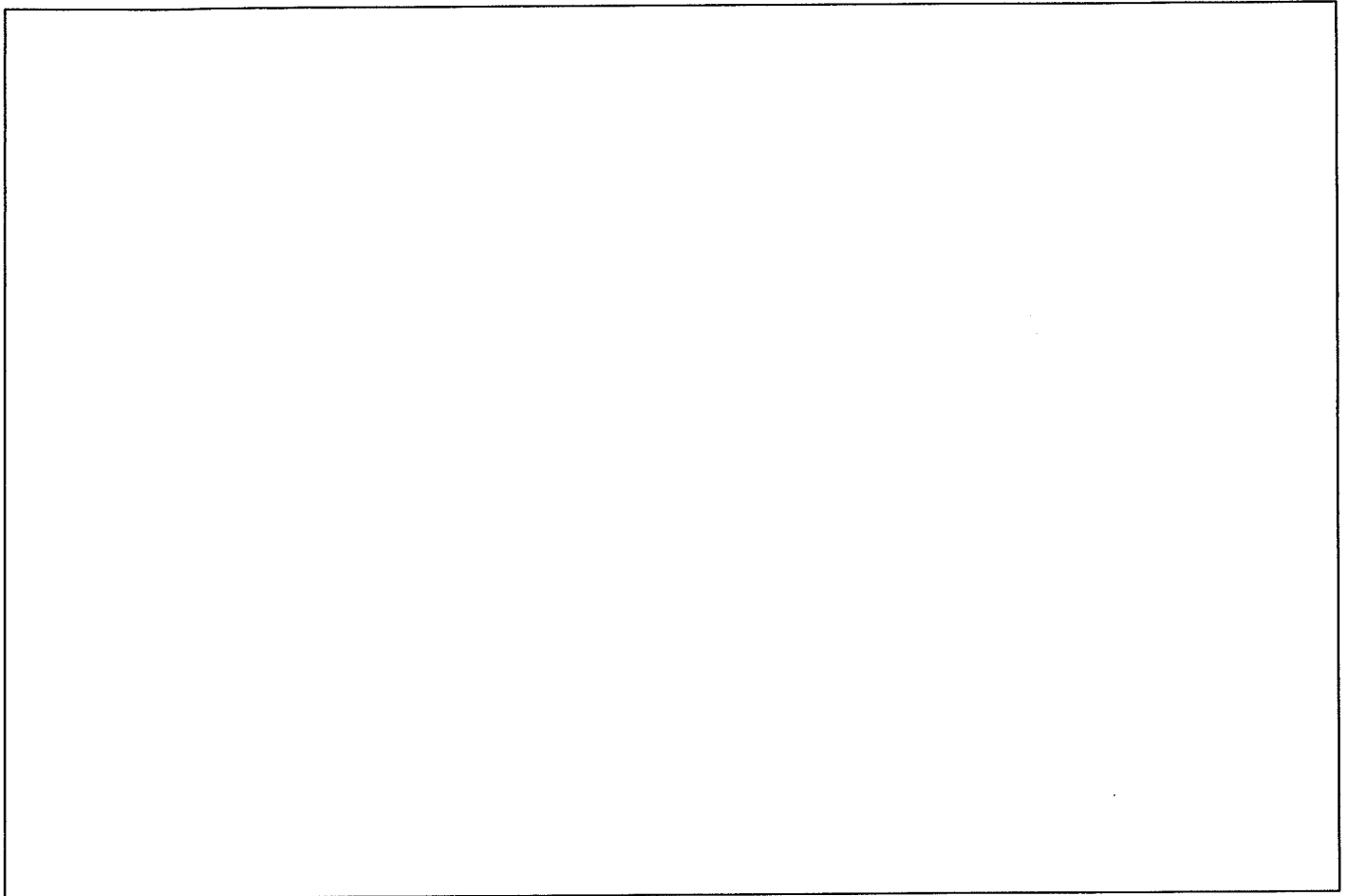
5th Grade Math

Week of October 12, 2020

Name _____

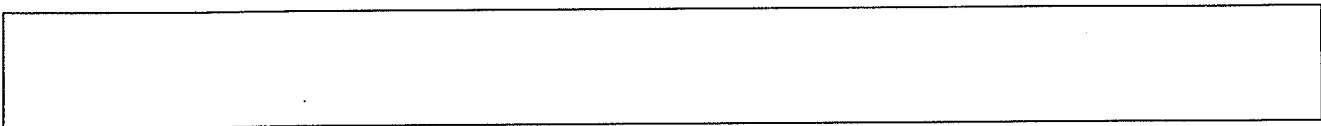
* Please do not complete until advised by teacher*

Ke'Mirah has 15 Smencils. Tytiona has 2 times as many as Ke'Mirah. How many Smencils do the girls have all together?

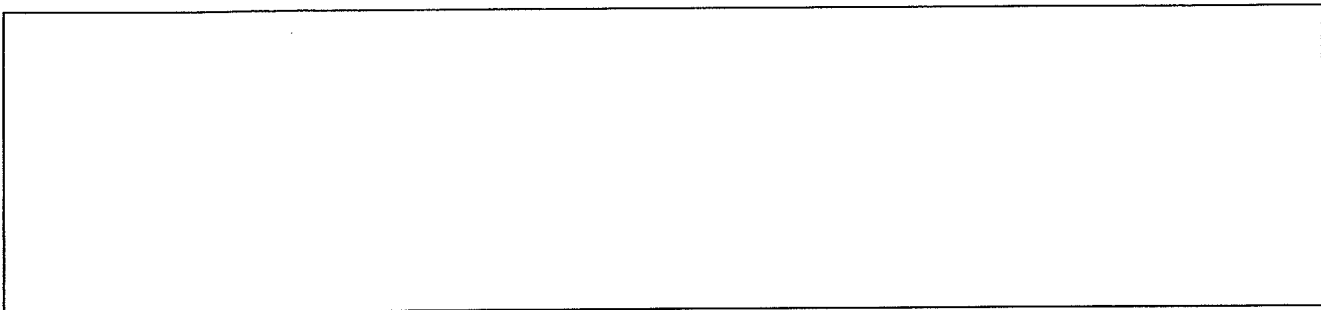


Answer (with unit): _____

Equation that matches your work:



Explain your thinking:



Name _____

1. Complete the sentences to make true statements.

0.05 is 10 times _____.

5 is 100 times _____.

0.5 is $\frac{1}{100}$ of _____.

2. The area of Mammoth Cave National Park in Kentucky is about fifty-two thousand, eight hundred thirty and nineteen hundredths acres. Which shows this number of acres in standard form?

- (A) 52,800.319
 (B) 52,803.19
 (C) 52,830.19
 (D) 52,831.9

3. Which numbers have a digit in the ones place that is $\frac{1}{10}$ the value of the digit in the tens place? Select all that apply.

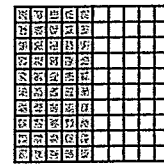
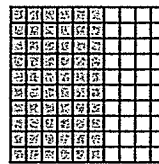
- 6,044
 6,339
 8,101
 8,066
 9,777

4. North High School has 5,000 students. South High School has $\frac{1}{10}$ as many students as North High School. How many students are there at South High School?
- _____

5. Select all the comparisons that are true.

- $3.062 > 3.26$
 $2.36 > 2.306$
 $6.23 < 6.203$
 $6.203 < 6.32$
 $3.62 < 3.206$

6. Laura shaded 60 squares on her hundredths grid. Billy shaded 50 squares on his hundredths grid.



- A. Write an expression that is the sum of two fractions and has a value greater than Billy's decimal and less than Laura's decimal.

- B. Write two decimals equivalent to Laura's decimal.

7. Which statements about the values of 7.055 and 70.55 are true? Select all that apply.

- 7.055 is $\frac{1}{10}$ of 70.55.
 7.055 is $\frac{1}{100}$ of 70.55.
 70.55 is 10 times 7.055.
 70.55 is 100 times 7.055.
 7.055 is 10 times 70.55.

8. Maria walked 4.035 kilometers. What is 4.035 written in expanded form?

- (A) $4 \times 1 + 3 \times \frac{1}{10} + 5 \times \frac{1}{100}$
- (B) $4 \times 1 + 3 \times \frac{1}{100} + 5 \times \frac{1}{1,000}$
- (C) $4 \times 1 + 3 \times \frac{1}{10} + 5 \times \frac{1}{1,000}$
- (D) $4 \times 10 + 3 \times \frac{1}{10} + 5 \times \frac{1}{100}$

9. Eddy's plum weighs 3.042 ounces. Desta's plum weighs 3.24 ounces. Whose plum weighs more? How can you tell?

10. During the hockey season, Elena averaged 5.625 assists per game. What is 5.625 written in expanded form? How is it written with number names?

11. The numbers below follow a pattern.

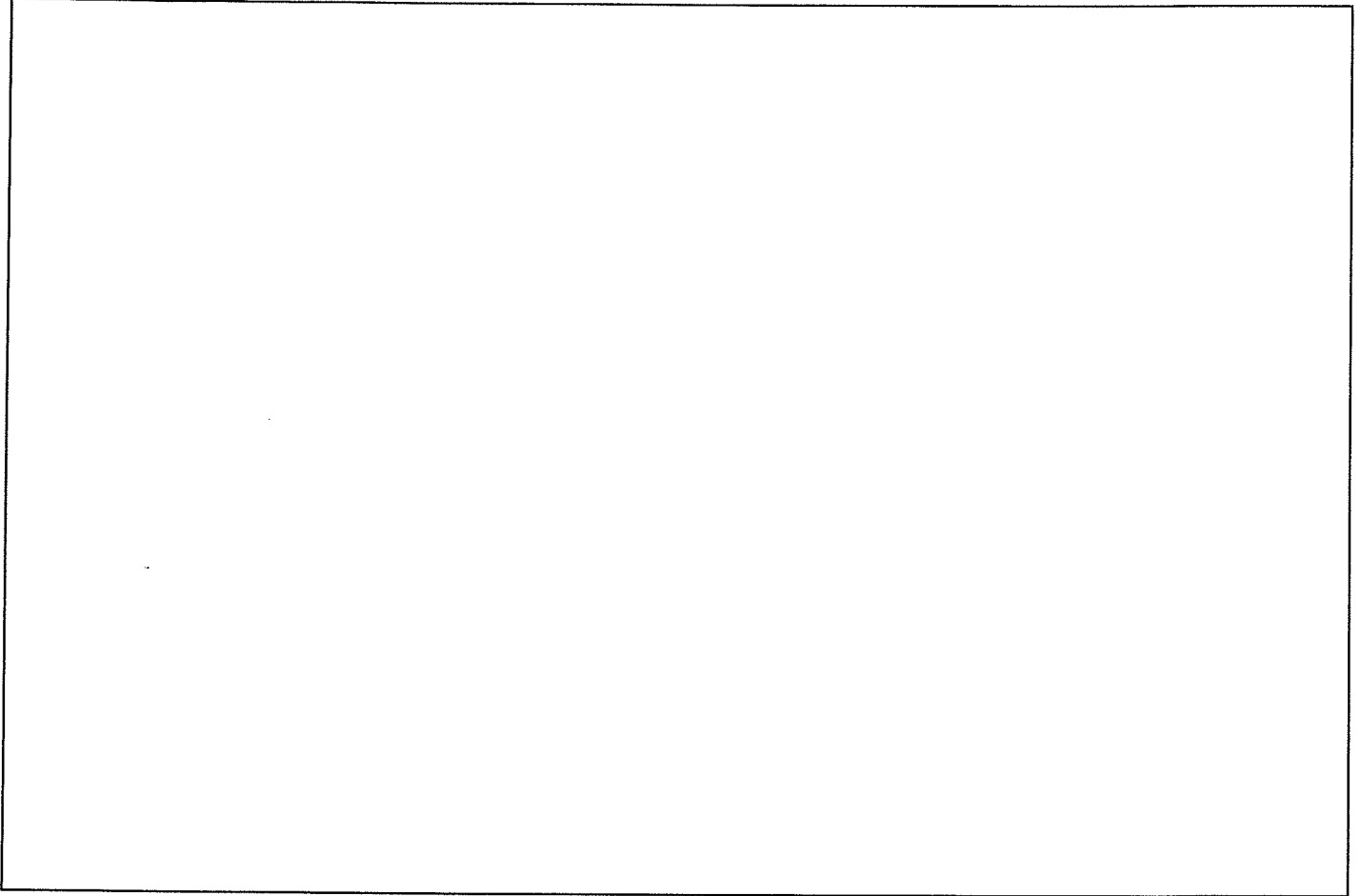
300 30 3 0.3 _____

A. What are the next two numbers in the pattern?

B. What is the relationship between the terms in the pattern?

12. Kent completed his homework in 52.752 minutes. What is this number rounded to the nearest tenth? Explain how you decided.

Ms. Young reported 13 absences in school today. Ms. Frazier reported 3 times as many absences as Ms. Young. How many absences are there in all?

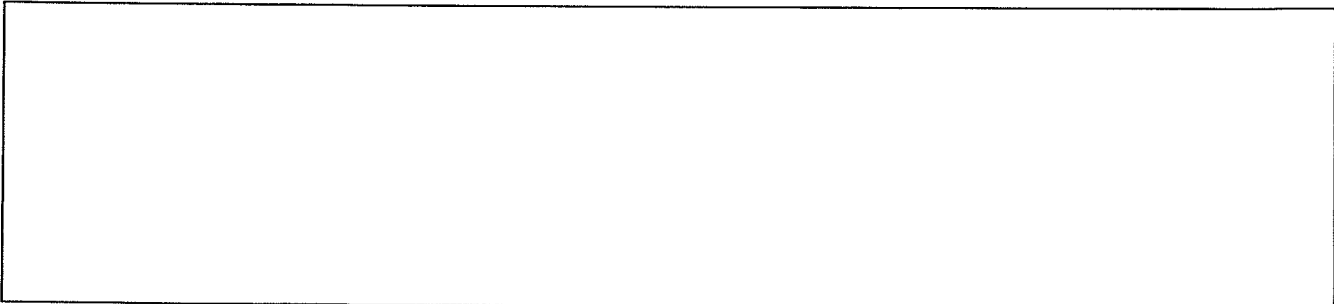


Answer (with unit): _____

Equation that matches your work:



Explain your thinking:



Name _____

Give each answer.

1. $2 + 6 = \underline{\quad}$

2. $4 + 3 = \underline{\quad}$

3. $2 + 4 = \underline{\quad}$

4. $8 + 9 = \underline{\quad}$

5. $9 + 1 = \underline{\quad}$

6. $6 + 4 = \underline{\quad}$

7. $7 + 9 = \underline{\quad}$

8. $3 + 5 = \underline{\quad}$

9. $5 + 8 = \underline{\quad}$

10. $6 + 9 = \underline{\quad}$

11. $2 + 2 = \underline{\quad}$

12. $9 + 3 = \underline{\quad}$

13. $3 + 3 = \underline{\quad}$

14. $4 + 2 = \underline{\quad}$

15. $7 + 2 = \underline{\quad}$

16. $3 + 9 = \underline{\quad}$

17. $7 + 3 = \underline{\quad}$

18. $7 + 4 = \underline{\quad}$

19. $9 + 7 = \underline{\quad}$

20. $9 + 4 = \underline{\quad}$

21. $7 + 8 = \underline{\quad}$

22. $4 + 4 = \underline{\quad}$

23. $7 + 7 = \underline{\quad}$

24. $5 + 6 = \underline{\quad}$

25. $7 + 1 = \underline{\quad}$

26. $10 - 3 = \underline{\quad}$

27. $4 - 0 = \underline{\quad}$

28. $8 - 4 = \underline{\quad}$

29. $9 - 3 = \underline{\quad}$

30. $8 - 0 = \underline{\quad}$

31. $7 - 6 = \underline{\quad}$

32. $2 - 1 = \underline{\quad}$

33. $8 - 5 = \underline{\quad}$

34. $6 - 1 = \underline{\quad}$

35. $8 - 8 = \underline{\quad}$

36. $5 - 3 = \underline{\quad}$

37. $14 - 8 = \underline{\quad}$

38. $7 - 4 = \underline{\quad}$

39. $9 - 9 = \underline{\quad}$

40. $5 - 5 = \underline{\quad}$

41. $12 - 7 = \underline{\quad}$

42. $6 - 6 = \underline{\quad}$

43. $9 - 3 = \underline{\quad}$

44. $7 - 6 = \underline{\quad}$

45. $6 - 2 = \underline{\quad}$


46. $7 - 5 = \underline{\quad}$

47. $11 - 4 = \underline{\quad}$

48. $10 - 6 = \underline{\quad}$

49. $2 - 1 = \underline{\quad}$

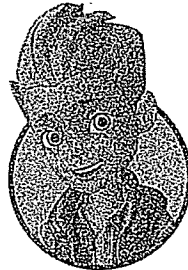
50. $6 - 3 = \underline{\quad}$



Additional Practice 2-1 Mental Math

Another Look!

You can use properties of addition, compatible numbers, or compensation to help you find the answers.



Use properties of addition to find $5.7 + 6 + 4.3$.

$$5.7 + 6 + 4.3$$

Use the Commutative Property.

$$5.7 + 4.3 + 6$$

↓ Add.

$$10 + 6 = 16$$

Use compensation to find $12.7 + 0.9$.

$$12.7 + 0.9.$$

↓ Add 0.1 to 0.9.

$$12.7 + 1 = 13.7$$

↓ Subtract 0.1.

$$12.7 + 0.9 = 13.6$$

Use compensation to find $18.3 - 6.9$.

$$18.3 - 6.9.$$

↓ Add 0.1 to 6.9.

$$18.3 - 7 = 11.3$$

0.1 too much was subtracted.
↓ Add 0.1.

$$18.3 - 6.9 = 11.4$$

Levelled Practice In 1–15, use properties and mental math to solve.

1. $275 + 180 + 120 =$

$$275 + \underline{\quad\quad} =$$

$$\underline{\quad\quad}$$

2. $19.5 + 24 + 7.5 =$

$$19.5 + \underline{\quad\quad} + 24 =$$

$$\underline{\quad\quad} + 24 = \underline{\quad\quad}$$

3. $87.2 - 25.9 =$

$$87.2 - \underline{\quad\quad} = 61.2$$

$$\underline{\quad\quad} + 0.1 = \underline{\quad\quad}$$

4. $8.4 + 6.21 + 2.6$

5. $7.35 + 1.47 + 9.65$

6. $12.32 - 8$

7. $75.25 - 11.92$

8. $34.76 + 170 + 16.24$

9. $54.3 - 19.74$

10. $192.63 - 7.95$

11. $201.96 + 38.7 + 0.84$

12. $100.6 + 296.5$

13. $421.2 - 305.8$

14. $1,050 + 815 + 250$

15. $\$5.40 + \$8.70 + \$6.30$



Aleesia uses 27 beads to make a bracelet. Milan uses 4 times as many beads to make a necklace. What is the total amount of beads used to make a bracelet and a necklace?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Name _____

Give each answer.

1. $5 \times 2 =$ _____
2. $4 \times 8 =$ _____
3. $5 \times 6 =$ _____
4. $2 \times 5 =$ _____
5. $3 \times 4 =$ _____
6. $3 \times 2 =$ _____
7. $8 \times 8 =$ _____
8. $7 \times 5 =$ _____
9. $4 \times 5 =$ _____
10. $5 \times 8 =$ _____
11. $6 \times 9 =$ _____
12. $6 \times 6 =$ _____
13. $3 \times 3 =$ _____
14. $9 \times 4 =$ _____
15. $2 \times 7 =$ _____
16. $1 \times 6 =$ _____
17. $3 \times 5 =$ _____

18. $7 \times 6 =$ _____
19. $9 \times 8 =$ _____
20. $4 \times 6 =$ _____
21. $5 \times 7 =$ _____
22. $2 \times 2 =$ _____
23. $5 \times 1 =$ _____
24. $8 \times 6 =$ _____
25. $1 \times 3 =$ _____
26. $4 \times 2 =$ _____
27. $0 \times 6 =$ _____
28. $2 \times 5 =$ _____
29. $4 \times 4 =$ _____
30. $9 \times 3 =$ _____
31. $9 \times 2 =$ _____
32. $4 \times 1 =$ _____
33. $3 \times 8 =$ _____
34. $4 \times 6 =$ _____

35. $4 \times 3 =$ _____
36. $2 \times 8 =$ _____
37. $9 \times 8 =$ _____
38. $0 \times 2 =$ _____
39. $2 \times 7 =$ _____
40. $9 \times 1 =$ _____
41. $2 \times 6 =$ _____
42. $2 \times 8 =$ _____
43. $3 \times 6 =$ _____
44. $7 \times 7 =$ _____
45. $5 \times 3 =$ _____
46. $8 \times 7 =$ _____
47. $1 \times 8 =$ _____
48. $3 \times 9 =$ _____
49. $8 \times 4 =$ _____
50. $9 \times 9 =$ _____

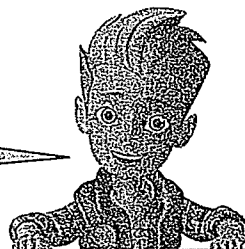
Name _____



Additional Practice 2-2
Estimate Sums and Differences

Another Look!

During one week, Mr. Graham drove a truck to four different towns to make deliveries. Estimate how far he drove in all. About how much farther did he drive on Wednesday than on Monday?



Day	Cities	Mileage
Monday	Mansley to Mt. Hazel	243.5
Tuesday	Mt. Hazel to Perkins	303
Wednesday	Perkins to Alberton	279.1
Thursday	Alberton to Fort Maynard	277.4

Round each number to the nearest hundred.

$$\begin{array}{r}
 243.5 \rightarrow 200 \\
 303 \rightarrow 300 \\
 279.1 \rightarrow 300 \\
 + 277.4 \rightarrow + 300 \\
 \hline
 1,100
 \end{array}$$

Mr. Graham drove about 1,100 miles.

Estimate the difference to the nearest ten.

$$\begin{array}{r}
 279.1 \rightarrow 280 \\
 - 243.5 \rightarrow - 240 \\
 \hline
 40
 \end{array}$$

Mr. Graham drove about 40 more miles on Wednesday than on Monday.

1. Marisol rode her bicycle each day for five days. Estimate how far she biked in all. Round each number to the nearest whole number.

$$12 + \underline{\quad} + 18 + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

She biked about miles.

2. About how much farther did she bike on Wednesday than on Thursday?

$$18 - \underline{\quad} = \underline{\quad}$$

She biked about more miles on Wednesday.

Day	Mileage
Monday	12.3
Tuesday	14.1
Wednesday	17.7
Thursday	11.8
Friday	15.2

Estimate each sum or difference.

3. $19.7 - 6.9$

4. $59 + 43.6$

5. $5.82 + 1.69 + 2.3$

6. $87.99 - 52.46$



Mrs. Forbes scored 13 points in the BCCS-G basketball game against BCCS-B. Ms. Eggink scored 4 times as many points as Mrs. Forbes. What is the total amount of points scored by the teachers?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Name _____

Give each answer.

1. $24 \div 4 =$ _____
2. $54 \div 6 =$ _____
3. $21 \div 3 =$ _____
4. $21 \div 7 =$ _____
5. $15 \div 5 =$ _____
6. $45 \div 9 =$ _____
7. $24 \div 3 =$ _____
8. $40 \div 5 =$ _____
9. $27 \div 9 =$ _____
10. $8 \div 2 =$ _____
11. $49 \div 7 =$ _____
12. $12 \div 4 =$ _____
13. $63 \div 9 =$ _____
14. $4 \div 2 =$ _____
15. $36 \div 4 =$ _____
16. $16 \div 8 =$ _____
17. $36 \div 9 =$ _____

18. $36 \div 6 =$ _____
19. $16 \div 2 =$ _____
20. $35 \div 5 =$ _____
21. $14 \div 2 =$ _____
22. $3 \div 3 =$ _____
23. $7 \div 7 =$ _____
24. $12 \div 6 =$ _____
25. $6 \div 3 =$ _____
26. $48 \div 6 =$ _____
27. $25 \div 5 =$ _____
28. $18 \div 6 =$ _____
29. $20 \div 4 =$ _____
30. $40 \div 5 =$ _____
31. $10 \div 2 =$ _____
32. $6 \div 1 =$ _____
33. $21 \div 3 =$ _____
34. $72 \div 9 =$ _____

35. $35 \div 7 =$ _____
36. $30 \div 6 =$ _____
37. $56 \div 7 =$ _____
38. $0 \div 9 =$ _____
39. $18 \div 2 =$ _____
40. $42 \div 6 =$ _____
41. $18 \div 9 =$ _____
42. $7 \div 1 =$ _____
43. $18 \div 3 =$ _____
44. $20 \div 5 =$ _____
45. $12 \div 3 =$ _____
46. $28 \div 7 =$ _____
47. $81 \div 9 =$ _____
48. $12 \div 6 =$ _____
49. $25 \div 5 =$ _____
50. $32 \div 8 =$ _____

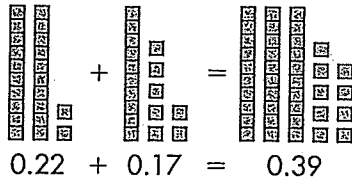
Name _____



Additional Practice 2-3
Use Models to Add and Subtract Decimals

Another Look!

Find $0.22 + 0.17$.



Step 1

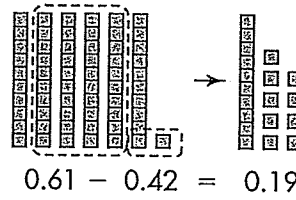
Show 0.22 and 0.17 with place-value blocks.

Step 2

Combine the blocks.
Regroup if possible.

So, $0.22 + 0.17 = 0.39$.

Find $0.61 - 0.42$.



Step 1

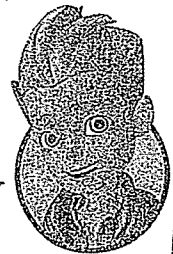
Show 0.61 with place-value blocks.

Step 2

Regroup if necessary. Remove 0.42.

So, $0.61 - 0.42 = 0.19$.

Count all the tenths and hundredths blocks to find the sum and circle and remove blocks to find the difference.



In 1–8, use place-value blocks to add or subtract.

1. $0.27 + 0.19 = \underline{\quad}$

2. $0.39 - 0.14 = \underline{\quad}$

3. $0.68 - 0.24 = \underline{\quad}$

4. $0.88 + 0.25 = \underline{\quad}$

5. $2.88 - 0.59 = \underline{\quad}$

6. $1.24 + 0.44 = \underline{\quad}$

7. $0.96 + 1.05 = \underline{\quad}$

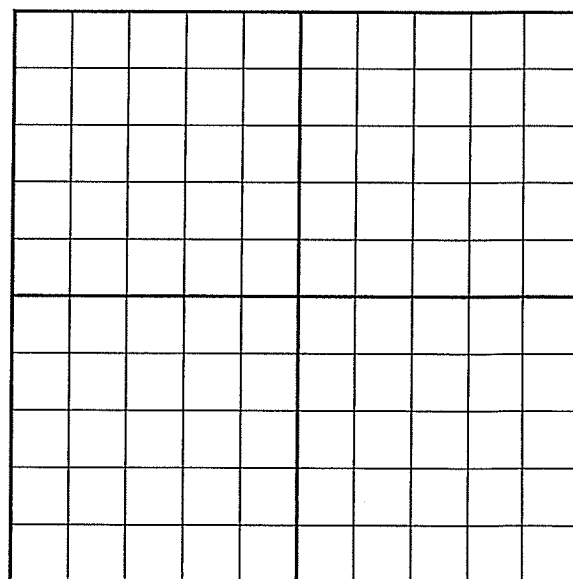
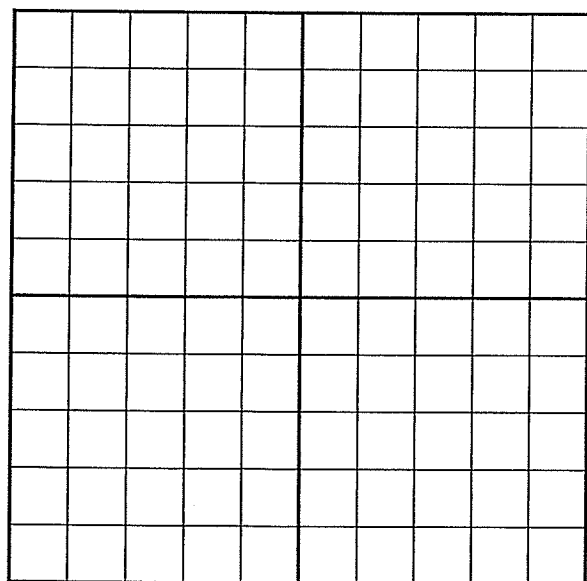
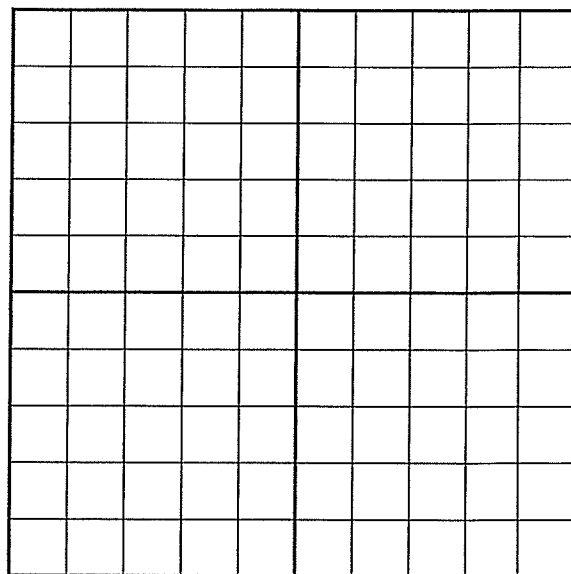
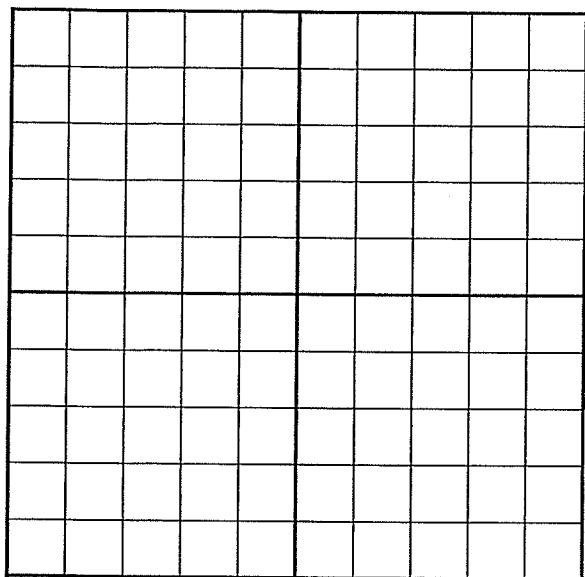
8. $0.52 - 0.19 = \underline{\quad}$



4 Hundredths Grids (A)

Name: _____

Date: _____

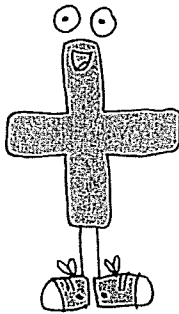


Operation CLUE WORDS

Remember, read each question carefully.
THINK about what the question is asking.

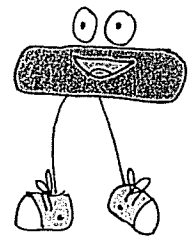
Addition

- . add
- . altogether
- . and
- . both
- . in all
- . sum
- . total
- . increase

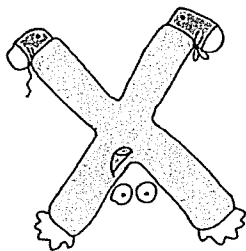


Subtraction

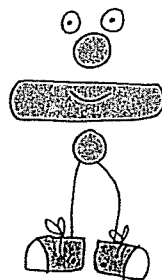
- . difference
- . fewer
- . gave away
- . take away
- . how many more
- . how much longer/
shorter/smaller
- . left
- . less
- . change
- . decrease



Multiplication



- . each
- . same
- . twice
- . product
- . in all (each)
- . double



Division

- . share equally
- . each
- . quotient
- . every

