

Homework 7

1.

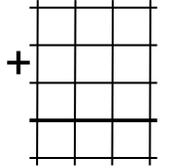
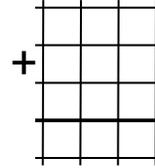
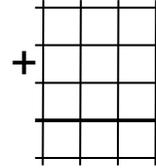
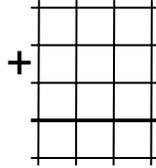
Write the numbers in columns and calculate their sums.

$213 + 48 + 456 = \underline{\hspace{2cm}}$

$276 + 509 + 84 = \underline{\hspace{2cm}}$

$525 + 370 + 9 = \underline{\hspace{2cm}}$

$35 + 460 + 187 = \underline{\hspace{2cm}}$



2.

If a winter day has 10 hours of daylight, then how many hours of darkness in the day?
(Hint: the whole day has 24 hours)

Given: _____

Problem: _____

Answer: _____

3.

There is a group of numbers.

The following numbers belong to the group: 12, 42, 202, 432

These numbers do not belong to the group: 41, 305, 3, 77

Which of these numbers belong to the group? 102, 36, 25, 52 ? (Circle them)

What is the rule? _____

4.

Nick and Robert run towards each other from opposite ends of a trail. When they met Nick run 363 m and Robert run 427 m. How far apart were Nick and Robert when they started to run?



363 m

427 m

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- a) If Eeyore goes to Pooh's house and goes through the forest, what is the total distance he travels? _____
- b) What is the distance from D to E? _____
- c) What is the total distance from A to E via B? _____
- d) What is the total distance of A to C via B? _____
- e) If Pooh goes to Eeyore's house, which is the shortest route? _____

6.

Solve for x (use the space below to add or subtract, copy your answer here). Use diagrams.

$$19 + x = 418$$

$$x = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}$$



$$689 - x = 195$$

$$x = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}$$

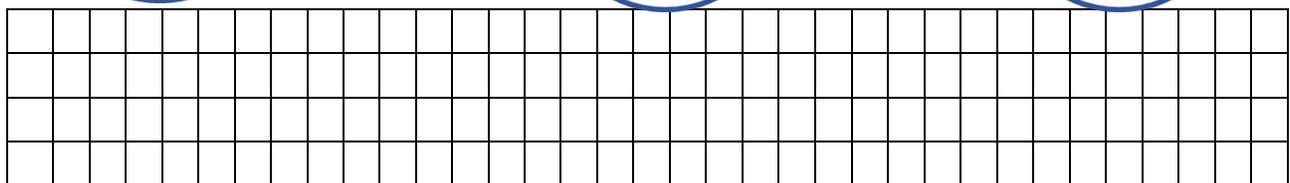
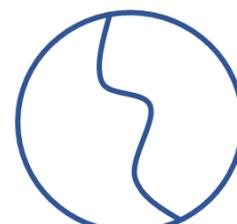
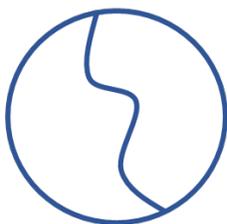


$$x - 51 = 66$$

$$x = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}$$



7.

Melanie has a total of 48 cents. What coins does Melanie have? Is there more than one correct answer? Draw or write, if you can, at least 6 different correct answers.

Denominations in US:

1 cent – penny

5 cent – nickel

10 cent – dime

25 cent – quarter

1) _____

2) _____

3) _____

4) _____

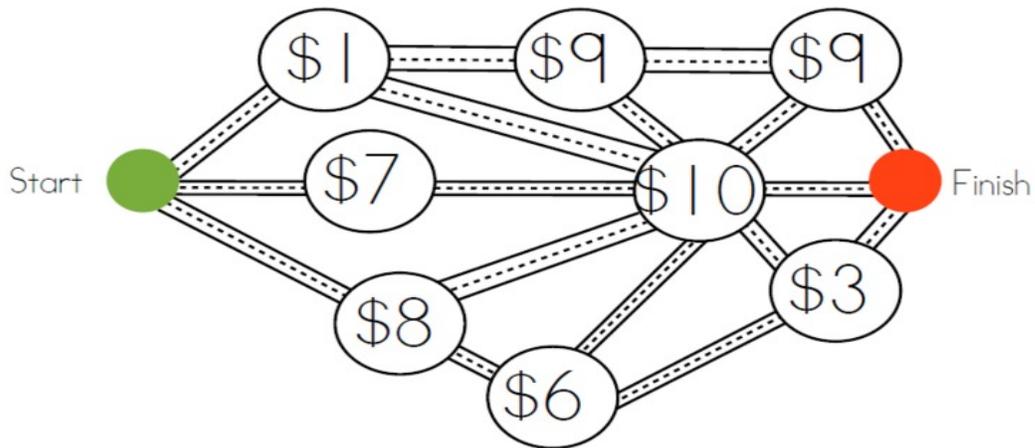
5) _____

6) _____

8.

The attached graphics shows a map. You must get from start to finish by visiting three of the dots, at each dot you have to pay the specified number of dollars. If you have \$20 can you get from start to finish and visit three dots? How?

Mark all routes with different colors and write down how much you will pay for each route.



- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____

9.

Calculate using the commutative property of addition:

$$3+1+17+19 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \qquad 54+5+15+6 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$12+7+38+13 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \qquad 11+34+19+6 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

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$$26+41+4+19 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$38+11+12+19 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

9. Color the map of the United States

Can you color it using only 4 colors?

