Homework 7

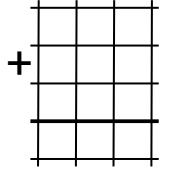**1.** Write the numbers in columns and calculate their sums.

213 + 48 + 456=_____

276 + 509 + 84= ____

525 + 370 + 9 =_____

35 + 460 + 187=_____
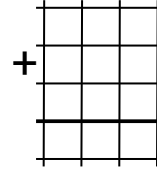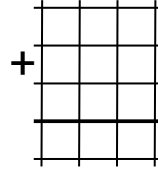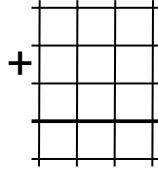
2. If a winter day has 10 hours of daylight, then how many hours of darkness in the day? (Hint: the whole day has 24 hours)

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   *437 m*
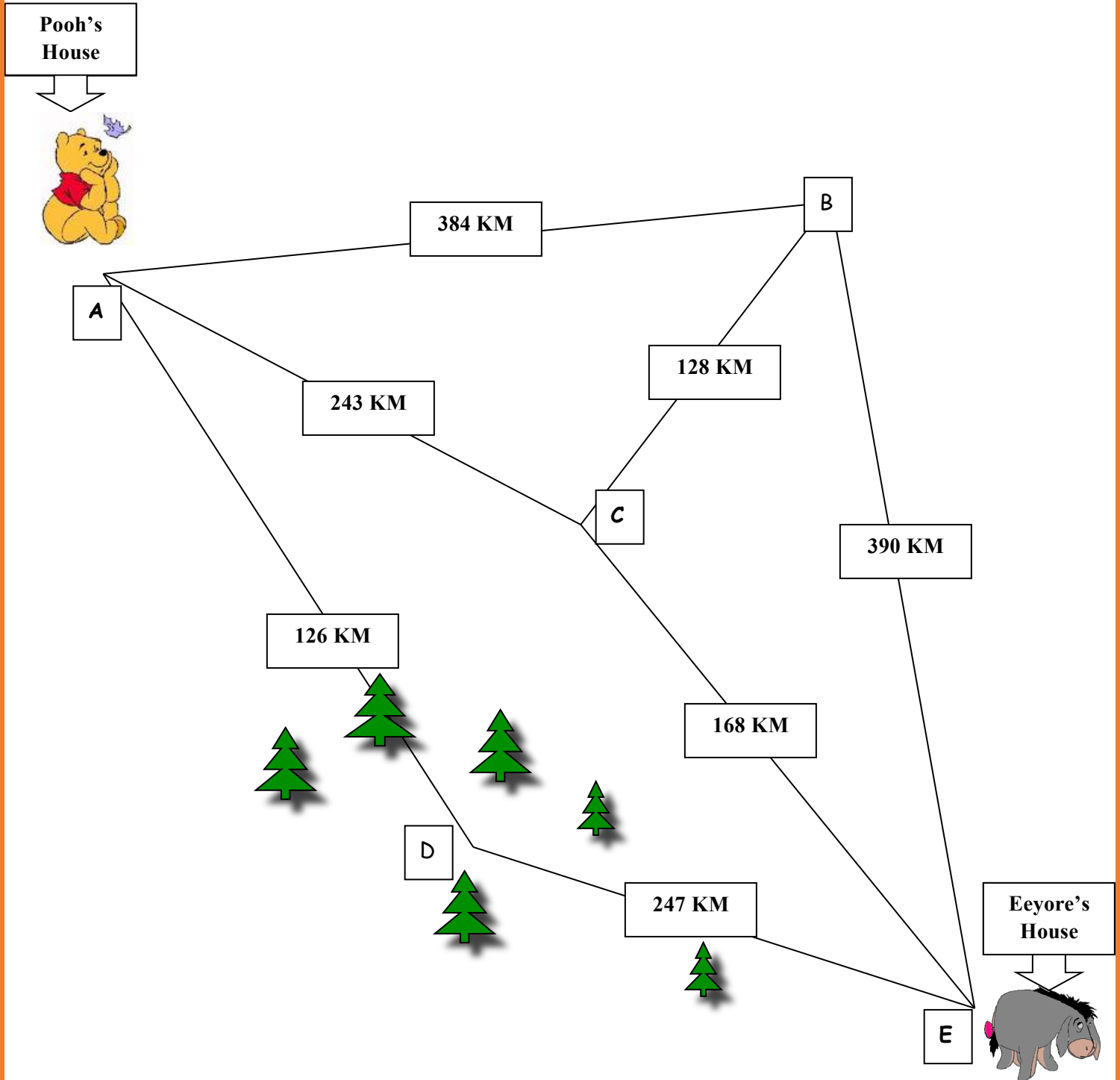
5.

Travelling Distances (use your notebook to add distances, write your answers below)

Pooh's House

B

384 KM

A

128 KM

243 KM

C

390 KM

126 KM

168 KM

D

247 KM

Eeyore's House

E

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 your notebook to add or subtract, copy your answer here). Use diagrams.

$19 + x = 418$ $689 - x = 195$ $x - 51 = 66$

x=_____   x =_____   x =_____

x=_____   x = _____   x =_____

_____ ✔   _____ ✔   _____ ✔

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)_____
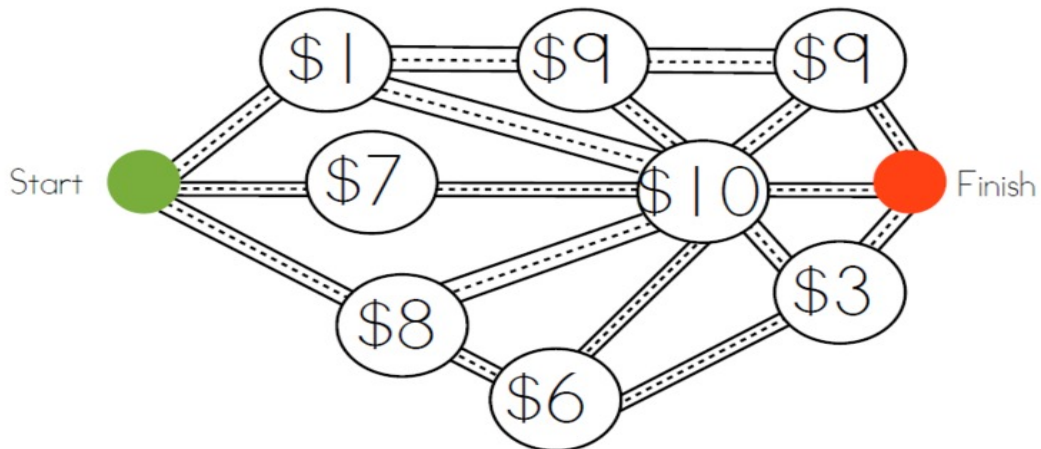
6)_____

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 = _____ = _____   54+5+15+6=_____ = _____

12+7+38+13 = _____ = _____   11+34+19+6=_____ = _____

26+41+4+19 = _____ = _____   38+11+12+19=_____ = _____

9. Color the map of the United States

Can you color it using only 4 colors?