

Integrated Math - Summer Packet 2022

Addition & Subtraction Word Problems

***Look at the key words in each box to help you decide whether to add or subtract.

Addition

Sum
Increased
Total
All Together

Subtraction

Difference
Less Than
How Much More Than?
Decreased

Solve each number expression:

Example: The **total** of 4 and 3 $\rightarrow 4 + 3 = 7$

1. 10 **decreased** by 6

4. 6 **increased** by 8

2. The **sum** of 11 and 12

5. 5 **less than** 12

3. The **difference** between 13 and 3

6. The **total** of 10 and 10

Word Problems

7. The temperature was 60 degrees on Monday. On Tuesday, the temperature **decreased** by 8 degrees. What was the new temperature on Tuesday?

8. Amelia had \$20. Lauren had \$15. How much money did they have **combined**?

9. Colin had a savings account with \$50. He **deducted** \$20 from his account. How much money was left in his savings account now?

10. Steve had a pizza with 8 slices. He ate 2 of the slices. **How many slices were left?**

11. At 6 AM, the temperature was 60 degrees. By noon, the temperature **increased** by 15 degrees. What was the new temperature at noon?

Adding Coins

Add up the coins to determine the amount of money in each problem.



Adding Bills

6.



7.



8.



9.

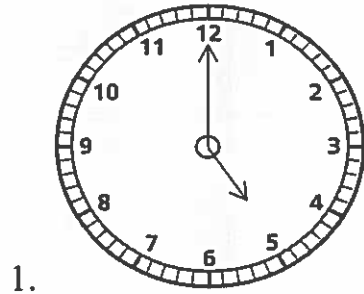


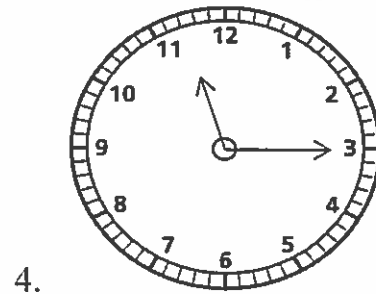
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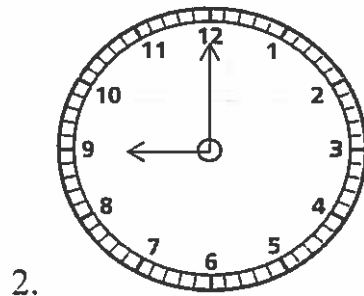
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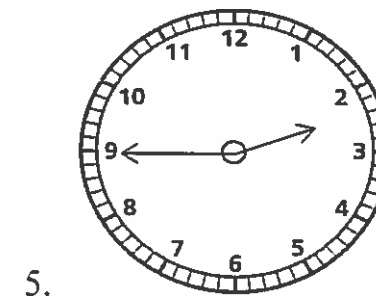
Analog Clocks & Elapsed Time

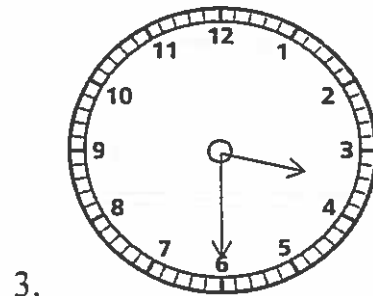
Write the time of day based on what is shown on each clock.

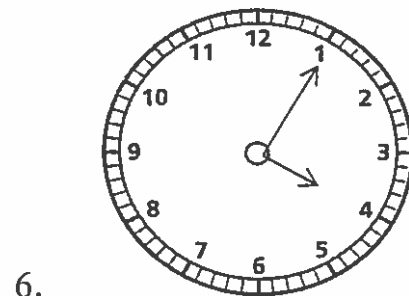












Making the Correct Amount of Change



\$0.25



\$0.10



\$0.05



\$0.01

Use the pictures above to help you determine how many of each coin you would need in order to make the correct amount of money. Each problem has more than one possible answer!

1. \$0.50

5. \$0.40

2. \$0.21

6. \$0.68

3. \$0.65

7. \$0.75

4. \$0.35

8. \$0.95

Elapsed Time

Solve for the amount of time between the start and end times:

1. Start Time: 9:00 AM

End Time: 11:00 AM = _____ hours

2. Start Time: 12:00 PM

End Time: 4:00 PM = _____ hours

3. Start Time: 2:00 AM

End Time: 3:30 AM = _____ hours and _____ minutes

4. Start Time: 9:00 AM

End Time: 11:45 AM = _____ hours and _____ minutes

5. Start Time: 7:10 PM

End Time: 11:20 PM = _____ hours and _____ minutes

6. Start Time: 3:10 PM

End Time: 3:25 PM = _____ minutes

Elapsed Time

Determine how much time has gone by between the start and end times. Follow the example.

7. Start time: 1:00 AM
End Time: 3:00 AM
Time Elapsed: **2 hours**

8. Start time: 4:00 PM
End Time: 7:00 PM
Time Elapsed: _____

9. Start time: 3:00 PM
End Time: 10:00 PM
Time Elapsed: _____

10. Start time: 11:00 PM
End Time: 11:30 PM
Time Elapsed: _____

11. Start time: 10:00 AM
End Time: 6:00 PM
Time Elapsed: _____

Mixed Money Problems

Read carefully. Show your work.

1. Maxwell had 3 quarters, 2 dimes and 4 nickels. How much money did he have?
2. A load of laundry at the Laundromat costs \$2.00. You can only use quarters. How many quarters would you need?
3. A sandwich at the deli costs \$5.75. How much change would you get back if you paid with a \$10 bill?
4. Grace had six \$5 bills. How much money did she have?
5. Curtis had 8 nickels. Jeff had 1 quarter and 2 dimes. Who had more money? (Show how much money each person had to prove your answer)
6. Alena worked at her job for 4 hours. If she earned \$12 for each hour she worked, how much money did she earn for the day?
7. If you had TWO \$20 bills and wanted to buy something for \$35, how much change would you get back?

Multiplication & Division Word Problems

Read each problem carefully. Decide whether to use multiplication or division to solve.

1. Steve took 21 minutes to complete reading a chapter from a book. The chapter was 7 pages long. How many minutes reading did Steve spend per page?

2. Jayden got 8 hours of sleep per night. How many hours of sleep did he get for the entire week? (1 week = 7 days)

3. Chris earned \$10 per hour at a job. If he worked 30 hours in one week, how much money did he earn for the week?

4. Aimee earned \$20 per day for babysitting. How many days would she have to babysit for in order to earn \$100?

5. Rafael had 15 total cards. He arranged the cards in 3 different stacks. How many cards were in each stack?

6. Six days per week, Tim goes on a 3-mile walk. How many miles would Tim have walked by the end of the week?

Dimes & Nickels

Remember that:



= 10 cents!



= 5 cents!

Example:



$$10 + 10 + 5 = 25 \text{ cents}$$

1.



= _____

2.




= _____

3.

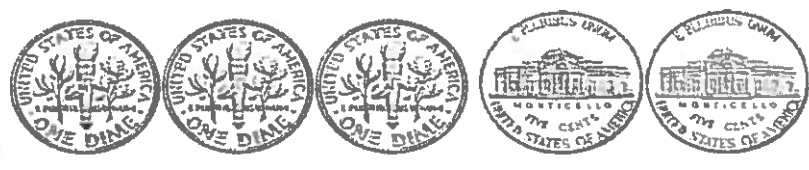



= _____

Dimes & Nickels (continued)

4.  = _____

5.  = _____

6.  = _____

7.  = _____