

Name Key

1. Chloe watched a lot of TV last week. Her mom wrote down the number of minutes for each day that she watched TV in the table below.

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Number of Minutes	155	105	125	195	150	230	190

How many minutes in total did Chloe watch TV last week, not including the weekend?

- a. 420 minutes
- b. 570 minutes
- c. 730 minutes
- d. 1,150 minutes

Handwritten calculations for Question 1:

210 (under Monday)

385 (under Tuesday)

580 (under Wednesday)

730 (under Thursday)

880 (under Friday)

1110 (under Saturday)

1150 (under Sunday, circled)

315 (written vertically)

150
230
+190 (written vertically)

1150 (circled)

2. Max wanted some new video games but needed to sell his old ones first. He made a table to keep track of the price he paid for the video games and the price he sold each one for.

Max's Video Game Sale		
	Price paid for game	Price game was sold for
Crash Bandicoot	\$43	\$25
Mario Kart	\$38	\$22
Captain Toad	\$41	\$17

In comparing the three video games, what is the difference in the price he paid for the games versus the price he sold the games?

- a. \$58
- b. \$18
- c. \$24
- d. \$55

Handwritten calculations for Question 2:

43	38	41	18	18
-25	-22	-17	16	10
18	16	24	34	34
			+24	58
			58	58

3. Marley can exchange 100 tickets for a prize out of the prize box. He has 24 stacks of tickets with 10 tickets in each stack. How many prizes can Marley get?

- a. 1 prize
- b. 2 prizes
- c. 3 prizes
- d. 4 prizes

Handwritten calculations for Question 3:

$24 \times 10 = 240$

$240 \div 100 = 2$

you can't have a part of a prize

4. Carowinds, an amusement park in North Carolina, had 3,489 visitors on a weekend. The next weekend was a holiday and the park had 8,921 visitors. Approximately, how many people visited Carowinds those two weekends?

- a. 4,000
b. 9,000
c. 12,000
d. 120,000

$$\begin{array}{r} 3489 \\ + 8921 \\ \hline 12410 \end{array}$$

$$\begin{array}{r} 3000 \\ + 9000 \\ \hline 12000 \end{array}$$

5. A farmer sells different products from his farm. Some products have been a profit (money gained) and some are a loss (money lost). The table below shows the profit or loss for some of his products last month.

Product Profits and Losses		
Product	Profit (dollars)	Loss (dollars)
Eggs	\$8,300	--
Corn	--	\$3,200
Milk	\$5,900	--

$$\begin{array}{r} 8300 \\ + 5900 \\ \hline 14200 \end{array}$$

$$\begin{array}{r} 14200 \\ - 3200 \\ \hline 11000 \end{array}$$

What is the total profit for the three products?

- a. \$11,000
b. \$14,200
c. \$17,400
d. \$16,000

$$\begin{array}{r} 8000 \\ + 13000 \\ + 3000 \\ \hline 24000 \end{array}$$

$$\begin{array}{r} 13000 \\ + 1200 \\ \hline 14200 \end{array}$$

6. The bleachers in the gym can hold 975 people. When a crowd of more than 975 people is expected, extra chairs can be set up. If there are 927 students and 1,345 parents, how many extra chairs need to be set up so that everyone can sit?

- a. 3,247 chairs
b. 2,272 chairs
c. 1,297 chairs
d. 370 chairs

$$\begin{array}{r} 1345 \\ + 927 \\ \hline 2272 \end{array}$$

$$\begin{array}{r} 2272 \\ - 975 \\ \hline 1297 \end{array}$$

$$\begin{array}{r} 927 \\ + 370 \\ \hline 1297 \end{array}$$

7. A scientist mixed 125 grams of chemical A with 626 grams of chemical B. How many more grams of chemicals does the scientist need to add to have a mixture with a mass of 2,000 grams?

- a. 501 grams
b. 751 grams
c. 1,249 grams
d. 2,751 grams

$$\begin{array}{r} 125 \\ + 626 \\ \hline 751 \end{array}$$

$$\begin{array}{r} 2000 \\ - 751 \\ \hline 1249 \end{array}$$

$$\begin{array}{r} 2000 \\ - 626 \\ \hline 1374 \end{array}$$

$$\begin{array}{r} 1374 \\ - 125 \\ \hline 1249 \end{array}$$

8. Wendy purchased 8 new magazines and 7 new chapter books for her summer reading. If the magazines cost \$6 each and the books cost \$9, how much did Wendy spend?

- a. \$15
- b. \$48
- c. \$63
- d. \$111

$$\begin{array}{r}
 8 \times 6 \quad 7 \times 9 \\
 48 \quad + \quad 63 = 111 \\
 \hline
 48 \quad + \quad 50 \\
 + 63 = 111 \\
 \hline
 111
 \end{array}$$

9. Finley has 7 marbles. Carrson and Finley together have 19 marbles. Seth and Carrson together have 32 marbles. How many marbles does Seth have?

- a. 6 marbles
- b. 20 marbles
- c. 44 marbles
- d. 58 marbles

$$\begin{array}{l}
 \text{Carrson } 19 - 7 = 12 \\
 \text{Seth } 32 - 12 = 20
 \end{array}$$

$$\begin{array}{l}
 C + F = 19 = 12 + 7 \\
 S + C = 32 = 20 + 12
 \end{array}$$

10. The population of Asheboro, NC located in Randolph County was 23,405 in 2005. The population of Asheboro in 2016 was 26,141. What is the difference in the population from 2005 to 2016?

- a. 53,567 people
- b. 49,546 people
- c. 3,000 people
- d. 2,736 people

$$\begin{array}{r}
 26141 \\
 - 23405 \\
 \hline
 2736
 \end{array}$$