

Part 3 Addition, Subtraction, and Multiplication

1. Find the missing numbers needed to make these addition and subtraction problems correct. Use pencil and paper or mental math.

A.
$$\begin{array}{r} 189 \\ + \\ \hline 612 \end{array}$$

B.
$$\begin{array}{r} 322 \\ - \\ \hline 284 \end{array}$$

C.
$$\begin{array}{r} 5078 \\ + \\ \hline 8079 \end{array}$$

D.
$$\begin{array}{r} 7339 \\ - \\ \hline 6079 \end{array}$$

E.
$$\begin{array}{r} 5405 \\ + \\ \hline 13,053 \end{array}$$

F.
$$\begin{array}{r} 3000 \\ - \\ \hline 1456 \end{array}$$

2. Estimate the following products using convenient numbers. Write a number sentence to show your thinking.

A. $290 \times 18 =$

B. $505 \times 59 =$

C. $9956 \times 9 =$

3. Find the products using paper and pencil or mental math. Be sure to estimate to make sure your answers are reasonable.

A. $63 \times 4 =$

B. $37 \times 8 =$

C. $28 \times 9 =$

D. $842 \times 5 =$

E. $667 \times 3 =$

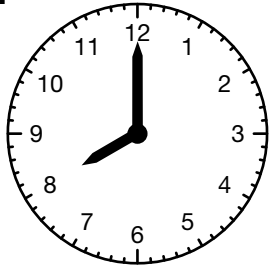
F. $725 \times 6 =$

4. Choose one problem from Question 3 and show or tell how you can solve it using mental math.

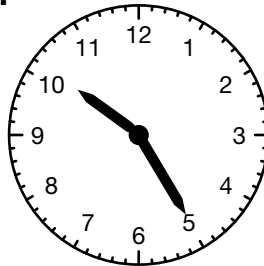
Part 4 Time

1. What time is shown on each clock below?

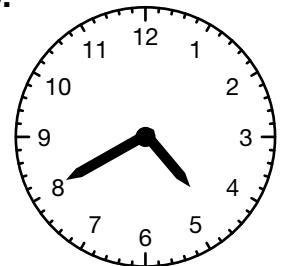
A.



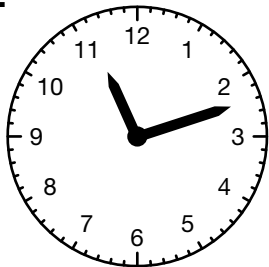
B.



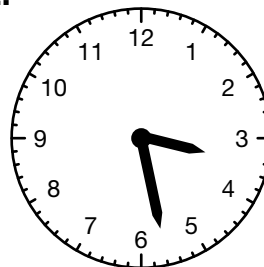
C.



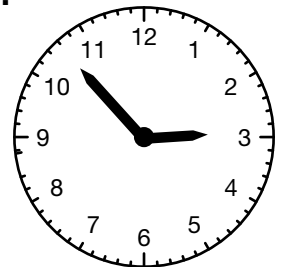
D.



E.



F.



2. A. Jackie began cleaning her room at 6:15 P.M. She finished two hours later. When did she finish?

- B. John started watching cartoons when he woke up 1 hour and 15 minutes ago. It is now 10:00 A.M. What time did John wake up?

- C. Jacob's mother has to pick him up from his aunt's house at 9:30 P.M. It takes 50 minutes to get there. What time should she leave her home?

- D. Irma and her sister are making dinner for the family. They plan to eat at 6:30 P.M. The dinner takes 2 hours and 35 minutes to prepare. What time should they begin cooking?

- E. How many minutes will it take Irma and her sister to prepare dinner?

- F. How many hours is 600 minutes?

- G. Which clock in Question 1 shows an acute angle?