

Before solving the problems in Questions 1–27, write the strategy you will use for each problem on the *Planning Your Strategies* page in the *Student Activity Book*. Use the strategy you chose to solve each problem. If you used a mental math or paper-and-pencil method, estimate to see if your answer is reasonable.

**Victory Videos**

- The Victory Videos store sells *Math and the Music Factory* videos for \$18 each. Mrs. Dewey bought a dozen of these videos for the school library. How much did the videos cost in all?
- A newly released movie is available for sale. Last weekend alone, Victory Videos sold 98 copies of this movie. If one copy costs \$24, how much money did Victory Videos receive for this movie?
- Victory Videos has 6 different sections. Each section has 12 shelves. Each shelf can fit about 95 movies. If the shelves are about half full, how many more videos will it take to fill the shelves?
- On Monday night, only 17 movies were rented. On Saturday night, 16 times as many movies were rented. How many movies were rented on Saturday night?
- There are 51 Victory Videos stores throughout the city. Each store has between 25 and 30 employees. How many people work for Victory Videos?
- Tanya rented 3 new movies. How much did she pay?
- Roberto rented two games and four old movies. How much did he pay?



Victory Video Prices (All prices include tax.)	
New Movies	\$ 4.69
Old Movies	\$ 3.99
Games	\$ 7.99

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**Student Guide - Page 522**

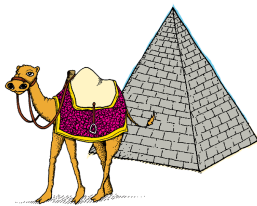
**Student Guide**

**Question 1–30 (SG pp. 522–526)**

- \$216
- \$2352
- \* Answers may vary. Estimate about 3500 movies.
- 272 movies
- \* Answers may vary. Estimate between 1275 and 1530 people
- \$14.07
- \$31.94
- 1050 camels
- 5250 bundles of dates
- \* Estimate about 6000 gallons
- Estimate between 350 and 420 miles
- 850 miles
- 1665
- 4240
- 6510
- 3634
- 1936
- 1535

**Visiting Ancient Egypt**

- King Omar has 25 camel stables. Each stable has 42 camels. How many camels does King Omar have?



- Each camel can carry five bundles of dates. How many bundles of dates can they carry altogether?
- A thirsty camel can drink up to 30 gallons of water in less than 15 minutes. How many gallons of water could 200 camels drink in 15 minutes if they were all very thirsty?
- The baggage camels can travel between 25 and 30 miles in one day. King Omar took a trip to the ocean and used his baggage camels. It took him 14 days to reach the ocean. How many miles did King Omar travel with his camels?
- A riding camel can travel 85 miles in one day. On another trip, King Omar rode south along the Nile River on one of his riding camels. He traveled south for 5 full days. Then he returned home. How many miles did King Omar travel on this trip?
- $37 \times 45 =$
- $80 \times 53 =$
- $93 \times 70 =$
- $79 \times 46 =$
- $44 \times 44 =$
- $307 \times 5 =$

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


**Student Guide - Page 523**

\*Answers and/or discussion are included in the lesson.



Write your answer to Question 30 using Egyptian symbols.

Egyptian Numbers and Symbols

Egyptian Symbol	Number	Name
	1	stroke
	10	yoke
	100	coil of rope
	1000	lotus blossom
	10,000	bent finger
	100,000	tadpole
	1,000,000	Egyptian god

30. There are 44 camels in the caravan. Each camel can carry 15 jugs of water. How many jugs of water can be carried by the caravan of camels? Write your answer in numbers and in Egyptian symbols.

Apply what you know about choosing multiplication strategies to the problem on the *Dancing in TIMSville* pages in the *Student Activity Book*.

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$$\begin{array}{r}
 8 \\
 4 \\
 2 \\
 + 1 \\
 \hline
 15
 \end{array}
 \begin{array}{l}
 1 \times 44 = 44 \\
 2 \times 44 = 88 \\
 4 \times 44 = 176 \\
 8 \times 44 = 352
 \end{array}
 \begin{array}{r}
 44 \\
 88 \\
 176 \\
 + 352 \\
 \hline
 660
 \end{array}$$

660 jugs of water

