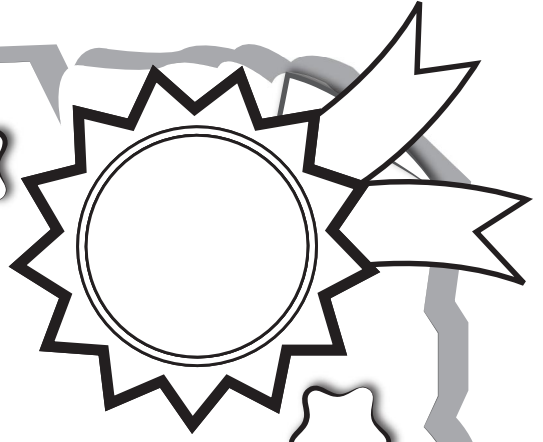


Great job!

_____ is an Education.com math superstar



Answer Sheets

Long Division

Shopping Spree: Division Word Problems
Athletic Arithmetic: Division Word Problems
Classroom Math: Division Word Problems
Cross-Country Quotients
Wild Word Problems: Division
Division: Extra Practice #1
Division: Extra Practice #2
Division: Extra Practice #3
Division: Extra Practice #4
Division: Extra Practice #5
Division: Extra Practice #6
Division: Extra Practice #7
Division: Extra Practice #8
Division: Extra Practice #9

Want more workbooks? Join Education.com Plus to save time and money.
<http://www.education.com/education-plus/>

Answer Sheet

Shopping Spree: Division Word Problems

5th Grade

Use division to solve the following problems.
Show your work.

Mrs. Brown buys a package 232 napkins. If the napkins come in 4 different colors, how many of each color napkin are there?

$$\begin{array}{r} 58 \\ 4 \overline{)232} \\ \underline{-20} \\ 32 \\ \underline{-32} \\ 0 \end{array}$$

There are 58 of each color napkin.

Mr. O'Connell is comparing ink cartridges for his printer. The first one costs \$38 and will print 190 pages before it is empty. The second one costs \$39 and prints 234 pages before it is empty. Which cartridge prints more pages per dollar?

1st cartridge

$$\begin{array}{r} 5 \\ 38 \overline{)190} \\ \underline{-190} \\ 0 \end{array}$$

2nd cartridge

$$\begin{array}{r} 6 \\ 39 \overline{)234} \\ \underline{-234} \\ 0 \end{array}$$

The second cartridge prints more pages per dollar.



The Bells just bought cell phones for everyone in the family. They are allowed to talk for 516 minutes per month. How many minutes can they talk per week? (Assume 1 month = 4 weeks)

$$\begin{array}{r} 129 \\ 4 \overline{)516} \\ \underline{-4} \\ 11 \\ \underline{-8} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

They can use 129 minutes per week.

Ms. Yang buys a bag of ice cubes. One bag contains 219 ice cubes. If she uses 3 cubes per cup, how many cups will she use before she needs to buy more ice?

$$\begin{array}{r} 73 \\ 3 \overline{)219} \\ \underline{-21} \\ 09 \\ \underline{-9} \\ 0 \end{array}$$

She can use 73 more cups.

Answer Sheet

Athletic Arithmetic: Division Word Problems

5th Grade

Practice your division skills by answering the following word problems. Show your work.

A track and field relay team is running a track that is 1500 yards long. If a team consists of 4 players and they each run the same distance, how far does each runner go?

$$\begin{array}{r} 375 \\ 4 \overline{)1500} \\ \underline{-12} \\ 30 \\ \underline{-28} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

Each runner goes 375 yards.

Geraldo does situps throughout the day for exercise. If he does 12 rounds of situps and 288 situps total in one day, how many situps did he do each round?

$$\begin{array}{r} 24 \\ 12 \overline{)288} \\ \underline{-24} \\ 48 \\ \underline{-48} \\ 0 \end{array}$$

Geraldo does 24 situps in each round.

In the Johnson City softball league, there are 144 girls playing on 9 different teams. If each team has the same number of players, how many girls are on each team?

$$\begin{array}{r} 16 \\ 9 \overline{)144} \\ \underline{-9} \\ 54 \\ \underline{-54} \\ 0 \end{array}$$

Each team has 16 girls.

The Bulldog football team scored 251 points last season. If they scored 30 3-point field goals, how many touchdowns did they score? Assume 1 touchdown = 7 points.

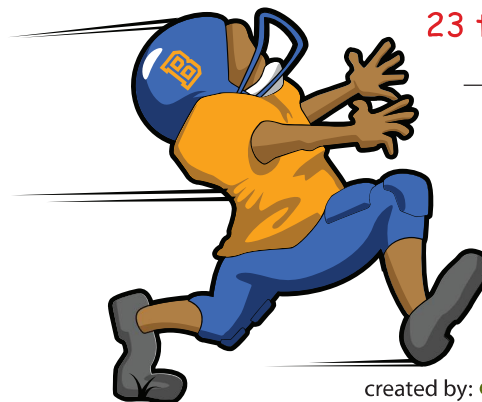
$$30 \times 3 = 90 \text{ field goal points}$$

$$251 - 90 = 161 \text{ touchdown points}$$

$$161 \div 7 = 23$$



The Bulldogs scored 23 touchdowns.



Answer Sheet

Classroom Math: Division Word Problems

Math isn't just for math class. It is used to solve problems in every subject. Help Mr. Hammond's class figure out their problems using math. Show your work.

Claire has 6 days to complete 3 grammar worksheets. The worksheets have 20, 18 and 16 questions. How many questions should Claire answer each day?

$$20 + 18 + 16 = 54 \text{ questions total}$$

$$54 \div 6 = 9$$

Claire needs to complete 9 questions per day.

Michelle finished typing the book summary for her book report and found out that it is 4 pages and 412 words long. What is the average word count per page?

$$\begin{array}{r} 103 \\ 4 \overline{)412} \\ \underline{-4} \\ 012 \\ \underline{-12} \\ 0 \end{array}$$

There are 103 words per page.



Eleanor has to read a book in two weeks. If there are 182 pages in the book, how many pages does she have to read each day?

$$\text{two weeks} = 14 \text{ days}$$

$$\begin{array}{r} 13 \\ 14 \overline{)182} \\ \underline{-14} \\ 42 \\ \underline{-42} \\ 0 \end{array}$$

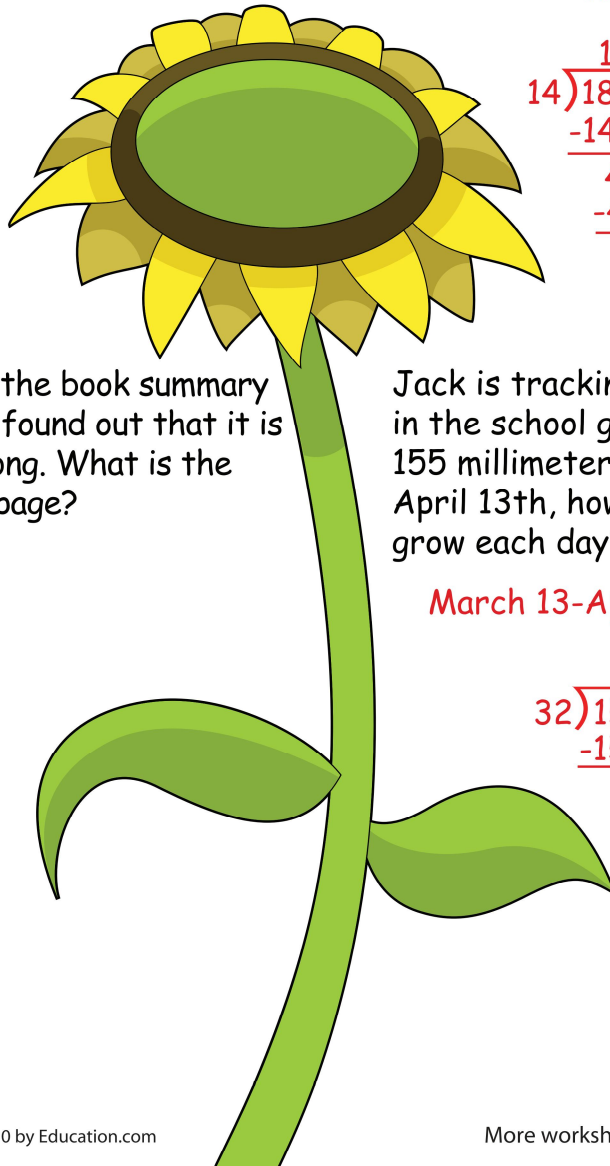
Eleanor has to read 13 pages per day.

Jack is tracking the growth of his plant in the school garden. If the plant grew 155 millimeters between March 13th and April 13th, how many millimeters did it grow each day?

$$\text{March 13-April 13} = 32 \text{ days}$$

$$\begin{array}{r} 5 \\ 32 \overline{)155} \\ \underline{-155} \\ 0 \end{array}$$

The plant grew 5 millimeters each day.



Answer Sheet

Cross-Country Quotients

The Lopez family is going on a family vacation. Use division to solve the following problems. Perform other operations as needed to help find the answers. Show your work.

Driving across the country, the Lopez family drove 639 miles in one day. They counted 9 rest stops along the way. If the rest stops are spaced apart equally, how many miles apart were the rest stops?

$$\begin{array}{r} 71 \\ 9 \overline{)639} \\ \underline{-63} \\ 09 \\ \underline{-9} \\ 0 \end{array}$$

The rest stops were
71 miles apart.

The Lopez family visit an art museum that is known to house 608 original works of art. If the museum has 32 different galleries and each gallery has the same number of art-works, how many works of art are in each gallery?

$$\begin{array}{r} 19 \\ 32 \overline{)608} \\ \underline{-32} \\ 288 \\ \underline{-288} \\ 0 \end{array}$$

Each gallery has
19 works of art.



The Lopez family camps out one night during their trip. Their tent floor is 4,572 square inches. If the 3 members of the Lopez family plus their dog sleep in the tent, how much space does each get?

$$\begin{array}{r} 1,143 \\ 4 \overline{)4,572} \\ \underline{-4} \\ 05 \\ \underline{-4} \\ 17 \\ \underline{-16} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

Each person (& dog)
gets 1,143 square inches.

The Lopez family take a taxi to their next destination. The cost of taking a taxi is \$4 plus \$3 for each mile traveled. When they arrive at their destination, the total cost is \$37. How far did they go in the taxi?

$$\begin{array}{l} \$37 - \$4 = \$33 \\ \$33 \div 3 = 11 \end{array}$$

They went 11 miles
in the taxi.

Answer Sheet

Wild Word Problems: Division

5th Grade

Math in the animal kingdom! Use division to solve the following problems. Add or subtract when necessary. Show your work.

Rocky walks his dog Fido 4 times around the block. If they walked a total of 1,144 feet, how long is it to go around the block once?

$$\begin{array}{r} 286 \\ 4 \overline{)1,144} \\ \underline{-8} \\ 34 \\ \underline{-32} \\ 24 \\ \underline{-24} \\ 0 \end{array}$$

It takes 286 feet to go around the block once.

Agatha the snake is only 50 centimeters long. 3 years from now she will be 152 centimeters long and fully grown. If Agatha grows at a constant rate, how much does she grow in length each year?

$$152 - 50 = 102$$

$$\begin{array}{r} 34 \\ 3 \overline{)102} \\ \underline{-9} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

Agatha grows 34 cm/year.



Speedy the hamster gets his exercise by running in his wheel. After running for 3 minutes the wheel made 315 revolutions. How many revolutions did it make each minute?

$$\begin{array}{r} 105 \\ 3 \overline{)315} \\ \underline{-3} \\ 015 \\ \underline{-15} \\ 0 \end{array}$$

The wheel made 105 revolutions per minute.

Rosemary lives on a farm where she milks cows. After one week she got a total of 504 gallons of milk from 9 cows. If each cow produces an equal amount of milk, how much milk did she get from each cow?

$$\begin{array}{r} 56 \\ 9 \overline{)504} \\ \underline{-45} \\ 54 \\ \underline{-54} \\ 0 \end{array}$$

Each cow produces 56 gallons of milk.

Jupiter the Border Collie is herding sheep. At one point, the herd is divided into four equal groups. If there are 572 sheep in the herd altogether, how many has Jupiter split up into each group?

$$\begin{array}{r} 143 \\ 4 \overline{)572} \\ \underline{-4} \\ 17 \\ \underline{-16} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

There are 143 sheep in each of the four groups.

Answer Sheet

5th GRADE

Division: Extra Practice #1

Solve the division problems

Answer Key

$$\begin{array}{r} 19 \\ 4 \overline{)76} \\ \underline{-4} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

$$2 \overline{)42} \begin{array}{l} 21 \\ \hline \end{array}$$

$$10 \overline{)110} \begin{array}{l} 11 \\ \hline \end{array}$$

$$12 \overline{)132} \begin{array}{l} 11 \\ \hline \end{array}$$

$$8 \overline{)16} \begin{array}{l} 2 \\ \hline \end{array}$$

$$2 \overline{)80} \begin{array}{l} 40 \\ \hline \end{array}$$

$$9 \overline{)36} \begin{array}{l} 4 \\ \hline \end{array}$$

$$6 \overline{)42} \begin{array}{l} 7 \\ \hline \end{array}$$

$$2 \overline{)144} \begin{array}{l} 72 \\ \hline \end{array}$$

$$2 \overline{)114} \begin{array}{l} 57 \\ \hline \end{array}$$

$$2 \overline{)70} \begin{array}{l} 35 \\ \hline \end{array}$$

$$6 \overline{)102} \begin{array}{l} 17 \\ \hline \end{array}$$