

Problem of the Week

Grade K

Name: _____ Class: _____



A leprechaun started collecting gold coins. On Monday he collected 8 gold coins. On Tuesday he collected 4 more. On Wednesday he dropped his gold coins and lost 2 of them. How many coins did he have left?

Here's how I know:

Grades 1-2

Name: _____

Class: _____



A leprechaun started with \$21. He made a deal with an elf. Every time the leprechaun crossed the bridge, his money would double, but he would then have to give the elf \$24. What is the most numbers of times the elf can cross the bridge?

Here's how I know:

Grades 3-5

Name: _____

Class: _____



Mr. Keebler has enough cookie dough so that 60 children could each have $1\frac{1}{2}$ cookies. For each of the 60 children to have exactly 2 cookies, Mr. Keebler must add an additional _____ of the original amount of cookie dough.

a) $1/2$

b) $1/3$

c) $1/4$

d) $1/5$

e) $1/6$

Here's how I know:

Solutions

Grades 1-2:

3 times

$$\$21 \times 2 = \$42. \quad \$42 - \$24 = \$18$$

$$\$18 \times 2 = \$36. \quad \$36 - \$24 = \$12$$

$$\$12 \times 2 = \$24. \quad \$24 - \$24 = \$0$$

Grades 3-5:

B or $\frac{1}{3}$

The original amount of dough makes 90 cookies ($60 \times 1 \frac{1}{2}$). He needs to make 30 more cookies (120 for 2 each). An additional $\frac{1}{3}$ of the original amount must be added.