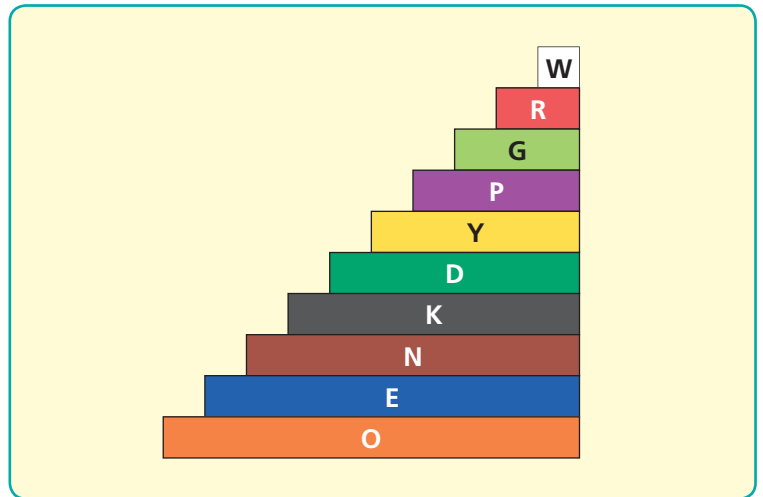


Reasoning About Cuisenaire® Rod Fractions

NCTM Standards 1, 2, 6, 7, 8, 9, 10

All the problems on this page involve Cuisenaire® Rods.



1 If W is $1\frac{1}{2}$, then

R is _____.

G is _____.

P is _____.

N is _____.

E is _____.

O is _____.

G + O is _____.

P + E is _____.

2 If G is $1\frac{1}{2}$, then

W is _____.

R is _____.

P is _____.

Y is _____.

D is _____.

K is _____.

O is _____.

Y \times 2 is _____.

3 If D is 2, then

W is _____.

R is _____.

G is _____.

P is _____.

Y is _____.

O is _____.

R + N is _____.

G + K is _____.

Use the price chart to answer the questions below.

2 feet of licorice	\$1.00	·	$2\frac{1}{2}$ feet of string	\$1.50
2 pounds of rice	\$2.00	·	3 bags of peanuts	\$0.99

- 4 How much would $\frac{1}{2}$ a foot of licorice cost? _____
- 5 How much would $2\frac{1}{2}$ feet of licorice cost? _____
- 6 How much would $1\frac{1}{2}$ pounds of rice cost? _____
- 7 How much would 3 feet of string cost? _____
- 8 How much would 4 bags of peanuts cost? _____



9 Challenge Licorice is on sale!

If you buy at least 3 feet of licorice, every $1\frac{1}{2}$ feet costs only 60¢.

How much would 7 feet of licorice cost? Explain how you found the answer.
