MULTIPLYING FRACTIONS

Match each correct answer to a letter and complete the riddle below.

1

$$\frac{4}{7} \cdot \frac{3}{8} = \underline{\hspace{2cm}}$$

2 Maria ate $\frac{1}{3}$ of a pie. Her sister Rebecca had $\frac{1}{5}$ of what Maria ate. What fraction of the whole pie did Rebecca eat?

3 A recipe requires $\frac{5}{6}$ of a cup of sugar. If Mrs. Marina is going to make one half of the recipe, how much sugar does she need?

4

$$1\frac{8}{9} \cdot \frac{6}{11} = \underline{\hspace{2cm}}$$

5

$$2\frac{2}{3} \cdot 1\frac{4}{5} = \underline{\hspace{2cm}}$$

6 Sammy is laying brick in his front walkway. The rectangular path measures $\frac{3}{5}$ feet by $\frac{4}{9}$ feet. What is the area of space that will be covered with bricks?

7 An article fills $\frac{1}{2}$ of a magazine page. A corresponding photo takes up $\frac{3}{8}$ of the article. How much of the page is taken up by the photo?

8

$$3\frac{2}{3} \cdot 2\frac{3}{4} = \underline{\hspace{2cm}}$$

9

$$\frac{7}{10} \cdot \frac{4}{7} = \underline{\hspace{2cm}}$$

G: $\frac{3}{7}$	E: $2\frac{2}{5}$	K: $\frac{1}{15}$	C: $\frac{1}{2}$	P: $\frac{2}{5}$
P: $\frac{5}{12}$	T: $\frac{6}{11}$	I: $1\frac{1}{33}$	P: $\frac{4}{15}$	B: $3\frac{2}{3}$
U: $10\frac{1}{12}$	N: $4\frac{4}{5}$	J: $4\frac{2}{5}$	M: $\frac{3}{14}$	I: $\frac{3}{16}$

WHAT DO YOU GET IF YOU DIVIDE THE CIRCUMFERENCE OF A JACK-O-LANTERN BY ITS DIAMETER?

$$\underline{\hspace{0.6cm}} \ \underline{\hspace{0.6cm}} \ \underline{\hspace{0.6cm}} \ \underline{\hspace{0.6cm}} \ \underline{\hspace{0.6cm}} \ \underline{\hspace{0.6cm}} \ \underline{\hspace{0.6cm}} \ \underline{\hspace{0.6cm}} \ \underline{\hspace{0.6cm}} \ \underline{\hspace{0.6cm}}$$
$$\ \ 3 \quad\ 8 \quad\ 1 \quad\ 9 \quad\ 2 \quad\ 7 \quad\ 5 \quad\ 6 \quad\ 4$$