

# Why Is Tuesday the Favorite Day of Math Teachers?

For each exercise, write the missing number. Find your answer in the set of boxes under the exercise. Write the letter of the exercise in the box containing the answer.

$$\textcircled{E} \frac{2}{3} = \frac{2 \times 5}{3 \times 5} = \frac{\quad}{15} \quad \textcircled{T} \frac{1}{4} = \frac{1 \times 3}{4 \times 3} = \frac{3}{\quad} \quad \textcircled{H} \frac{3}{7} = \frac{3 \times 8}{7 \times 8} = \frac{56}{\quad} \quad \textcircled{Y} \frac{5}{8} = \frac{5 \times 4}{8 \times 4} = \frac{20}{\quad}$$

$$\textcircled{A} \frac{1}{2} = \frac{1 \times 15}{2 \times 15} = \frac{30}{\quad} \quad \textcircled{S} \frac{3}{5} = \frac{3 \times 6}{5 \times 6} = \frac{18}{\quad} \quad \textcircled{T} \frac{7}{12} = \frac{7 \times 2}{12 \times 2} = \frac{24}{\quad} \quad \textcircled{O} \frac{4}{9} = \frac{4 \times 9}{9 \times 9} = \frac{36}{\quad}$$

$$\textcircled{E} \frac{2}{5} = \frac{\quad}{20} \quad \textcircled{I} \frac{3}{4} = \frac{\quad}{36} \quad \textcircled{A} \frac{1}{6} = \frac{\quad}{18} \quad \textcircled{T} \frac{7}{10} = \frac{\quad}{80} \quad \textcircled{L} \frac{5}{12} = \frac{\quad}{60}$$

$$\textcircled{H} \frac{6}{7} = \frac{36}{\quad} \quad \textcircled{I} \frac{4}{15} = \frac{12}{\quad} \quad \textcircled{T} \frac{3}{8} = \frac{30}{\quad} \quad \textcircled{N} \frac{1}{3} = \frac{\quad}{27} \quad \textcircled{D} \frac{3}{20} = \frac{\quad}{40}$$

27	12	11	45	30	96	56	8	10	20	81	9	25	32	49	6	15	42	5	80	24	3	14	64
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$$\textcircled{A} \frac{5}{7} = \frac{\quad}{21} \quad \textcircled{U} \frac{1}{9} = \frac{\quad}{63} \quad \textcircled{E} \frac{5}{6} = \frac{\quad}{30} \quad \textcircled{A} \frac{2}{11} = \frac{18}{\quad} \quad \textcircled{S} \frac{9}{25} = \frac{36}{\quad}$$

$$\textcircled{E} \frac{3}{10} = \frac{18}{\quad} \quad \textcircled{R} \frac{7}{16} = \frac{21}{\quad} \quad \textcircled{A} \frac{4}{5} = \frac{\quad}{10} \quad \textcircled{W} \frac{1}{18} = \frac{\quad}{180} \quad \textcircled{D} \frac{7}{20} = \frac{\quad}{100}$$

$$\textcircled{A} \frac{7}{8} = \frac{\quad}{32} \quad \textcircled{E} \frac{1}{5} = \frac{\quad}{55} \quad \textcircled{R} \frac{8}{9} = \frac{24}{\quad} \quad \textcircled{N} \frac{2}{15} = \frac{4}{\quad} \quad \textcircled{T} \frac{9}{10} = \frac{36}{\quad}$$

$$\textcircled{B} \frac{4}{7} = \frac{40}{\quad} \quad \textcircled{M} \frac{3}{4} = \frac{\quad}{100} \quad \textcircled{F} \frac{7}{12} = \frac{\quad}{144} \quad \textcircled{M} \frac{19}{20} = \frac{\quad}{100}$$

10	28	100	4	30	15	75	25	35	22	99	84	40	60	27	63	8	39	9	7	95	70	11	48
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# What Did the Doctor Say to the Guy Who Thought He Was a Wigwam One Day and a Tepee the Next?

Circle one fraction in each set. Notice the letter above it. Write this letter in the box at the bottom of the page that contains the exercise number.

I. Circle the fraction that is equivalent to the first fraction in the set.

**1**

	G	T	V
$\frac{1}{3}$	$\frac{2}{9}$	$\frac{4}{12}$	$\frac{5}{18}$

**2**

	I	P	O
$\frac{2}{5}$	$\frac{6}{12}$	$\frac{18}{40}$	$\frac{14}{35}$

**3**

	F	M	E
$\frac{3}{4}$	$\frac{9}{16}$	$\frac{21}{32}$	$\frac{15}{20}$

**4**

	A	W	L
$\frac{5}{8}$	$\frac{30}{48}$	$\frac{20}{24}$	$\frac{45}{64}$

**5**

	K	S	C
$\frac{4}{9}$	$\frac{2}{3}$	$\frac{12}{27}$	$\frac{28}{72}$

**6**

	B	E	R
$\frac{6}{7}$	$\frac{7}{8}$	$\frac{48}{56}$	$\frac{24}{35}$

**7**

	N	F	U
$\frac{7}{10}$	$\frac{42}{50}$	$\frac{6}{9}$	$\frac{70}{100}$

**8**

	T	A	O
$\frac{5}{12}$	$\frac{20}{48}$	$\frac{10}{36}$	$\frac{30}{84}$

**9**

	H	T	E
$\frac{1}{2}$	$\frac{7}{15}$	$\frac{16}{30}$	$\frac{12}{24}$

II. Circle the fraction that is in lowest terms.

**10**

V	I	U	M
$\frac{5}{10}$	$\frac{6}{9}$	$\frac{3}{8}$	$\frac{2}{6}$

**11**

N	Y	L	S
$\frac{4}{8}$	$\frac{2}{9}$	$\frac{15}{25}$	$\frac{10}{14}$

**12**

G	P	O	A
$\frac{6}{8}$	$\frac{3}{9}$	$\frac{7}{12}$	$\frac{20}{45}$

**13**

D	T	L	R
$\frac{4}{12}$	$\frac{9}{15}$	$\frac{2}{4}$	$\frac{5}{6}$

**14**

P	B	N	S
$\frac{12}{18}$	$\frac{7}{14}$	$\frac{9}{12}$	$\frac{8}{15}$

**15**

T	H	F	Y
$\frac{10}{21}$	$\frac{4}{32}$	$\frac{6}{10}$	$\frac{15}{24}$

**16**

C	J	G	W
$\frac{8}{22}$	$\frac{9}{16}$	$\frac{10}{35}$	$\frac{3}{12}$

**17**

E	I	R	O
$\frac{6}{15}$	$\frac{7}{42}$	$\frac{11}{33}$	$\frac{12}{25}$

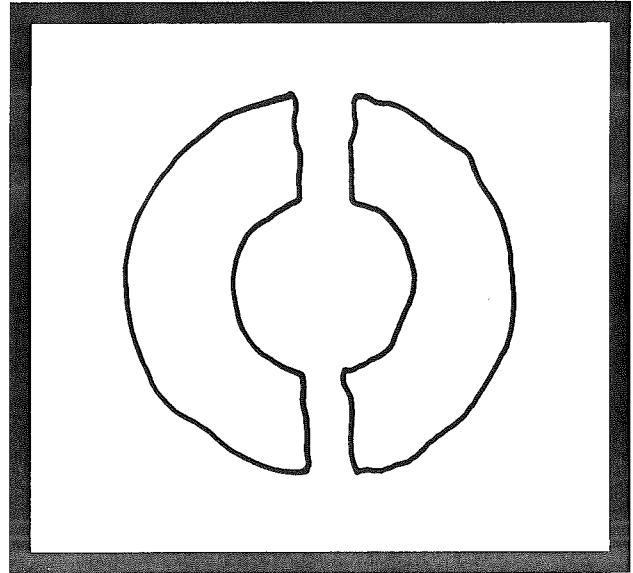
**18**

N	D	K	X
$\frac{4}{5}$	$\frac{12}{16}$	$\frac{15}{36}$	$\frac{2}{8}$

11	2	7	4	13	6	16	10	14	1	8	17	12	15	3	18	5	9
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# LAW OF THE DONUT

What Famous Rule of Donuts Is Illustrated by This Picture?



**DIRECTIONS:**

Do each exercise below. Find your answer in the code and write the letter of the exercise above it.

**Law of the Donut:**

$4$	$2\frac{2}{5}$	$1\frac{2}{3}$	$1\frac{2}{9}$	$\frac{3}{10}$	$2\frac{1}{3}$	$\frac{3}{4}$	$1\frac{1}{4}$	$2\frac{3}{7}$	$1\frac{4}{5}$	$1\frac{3}{4}$
$2\frac{1}{2}$	$\frac{2}{3}$	$1\frac{5}{9}$	$\frac{1}{2}$	$1\frac{5}{8}$	$2$	$1\frac{7}{10}$	$\frac{3}{5}$	$1\frac{1}{2}$	$1\frac{3}{5}$	$1\frac{1}{6}$

(E)  $\frac{7}{8} - \frac{3}{8}$

(A)  $\frac{2}{3} + \frac{5}{3}$

(S)  $\frac{6}{5} + \frac{3}{5}$

(O)  $\frac{9}{4} - \frac{3}{4}$

(A)  $\frac{1}{9} + \frac{5}{9}$

(E)  $\frac{19}{12} - \frac{5}{12}$

(W)  $\frac{7}{10} + \frac{17}{10}$

(L)  $\frac{15}{16} - \frac{3}{16}$

(A)  $\frac{13}{6} - \frac{1}{6}$

(E)  $\frac{9}{7} + \frac{3}{7} + \frac{5}{7}$

(O)  $\frac{8}{15} + \frac{4}{15} + \frac{13}{15}$

(M)  $\frac{5}{12} + \frac{11}{12} + \frac{14}{12}$

(H)  $\frac{9}{20}$   
 $-\frac{3}{20}$

(K)  $\frac{16}{9}$   
 $-\frac{2}{9}$

(T)  $\frac{5}{2}$   
 $+\frac{3}{2}$

(H)  $\frac{67}{100}$   
 $-\frac{7}{100}$

(V) Rugged Carpet Company installed  $\frac{7}{8}$ -inch carpet over  $\frac{3}{8}$ -inch padding. What was the combined thickness?

\_\_\_\_\_ in.

(L) Bert walked  $\frac{9}{10}$  mile to Ernie's house. Then Bert and Ernie walked  $\frac{7}{10}$  mile to the park. How far did Bert walk altogether? \_\_\_\_\_ mi

# Did You Hear About...

A	B	C	D	E	F	G	H	I
J	K	L	M	N	O	P	Q	?

$1\frac{5}{24}$  INSTRUMENTS

$\frac{3}{24}$  BRUSH

$\frac{111}{1,000}$  NEW

$\frac{19}{30}$  BECAUSE

$\frac{3}{4}$  A

$\frac{17}{20}$  THE

$1\frac{5}{8}$  NEVER

$\frac{13}{20}$  HAVE

$1\frac{1}{2}$  MUSICAL

$1\frac{1}{8}$  BOUGHT

$\frac{13}{14}$  EARS

$1\frac{1}{4}$  THOUGHT

$1\frac{3}{8}$  TOOTHPASTE

$1\frac{2}{5}$  WHO

$\frac{1}{6}$  MOTHER

$\frac{2}{3}$  BIG

$\frac{11}{14}$  TEETH

$\frac{13}{30}$  WHEN

$\frac{7}{18}$  KID

$1\frac{1}{2}$  HIS

$\frac{15}{16}$  THAT

$\frac{3}{10}$  SHARP

$\frac{1}{12}$  TUBA

$1\frac{1}{24}$  SHOWS

Do each exercise and find your answer in one of the answer columns. Notice the word next to the answer. Write this word in the box containing the letter of the exercise.

(A)  $\frac{1}{4}$

(B)  $\frac{5}{6}$

(C)  $\frac{9}{10}$

(D)  $\frac{2}{3}$

$\frac{3}{5} + \frac{3}{5}$

$\frac{4}{9} - \frac{4}{9}$

$\frac{1}{2} + \frac{1}{2}$

$\frac{5}{12} - \frac{5}{12}$

(E)  $\frac{3}{8} + \frac{9}{16}$

(F)  $\frac{7}{10} - \frac{1}{5}$

(G)  $\frac{1}{3} + \frac{7}{8}$

(H)  $\frac{3}{4} - \frac{1}{10}$

(I)  $1\frac{1}{2} + \frac{2}{7}$

(J)  $\frac{4}{5} - \frac{1}{6}$

(K)  $\frac{9}{16} + \frac{15}{16}$

(L)  $\frac{7}{10} - \frac{8}{15}$

(M)  $\left(\frac{7}{8} - \frac{1}{4}\right) + \frac{1}{2}$

(N)  $\frac{19}{20} - \left(\frac{1}{2} - \frac{3}{10}\right)$

(O)  $\frac{1}{10} + \frac{1}{100} + \frac{1}{1,000}$

(P) A BigBurger has  $\frac{1}{4}$  pound of meat. A SuperBurger has  $\frac{1}{3}$  pound of meat.

How much more meat is used for the SuperBurger? \_\_\_\_\_ lb

(Q) Kent walked  $\frac{3}{4}$  of a mile on Monday. On Tuesday, he walked  $\frac{1}{8}$  of a mile less than on Monday. How far did he walk altogether? \_\_\_\_\_ mi