

# Year 6 Fractions Worksheet



**1.** Write the fractions and mixed numbers below in order from least to greatest.

A.  $\frac{1}{7}$ ,  $\frac{1}{9}$ ,  $\frac{2}{7}$ ,  $\frac{1}{12}$

B.  $\frac{5}{9}$ ,  $\frac{4}{8}$ ,  $\frac{3}{13}$ ,  $\frac{6}{9}$

C.  $\frac{1}{5}$ ,  $1\frac{2}{3}$ ,  $1\frac{1}{4}$ ,  $2\frac{1}{9}$

D.  $\frac{5}{9}$ ,  $\frac{10}{3}$ ,  $2\frac{1}{4}$ ,  $\frac{3}{2}$

E.  $2\frac{5}{6}$ ,  $\frac{9}{8}$ ,  $3\frac{1}{8}$ ,  $3\frac{1}{9}$

F.  $1\frac{1}{2}$ ,  $4\frac{1}{2}$ ,  $\frac{1}{100}$ ,  $5\frac{1}{4}$

**2.** Write the fractions, mixed numbers, decimals, and percentages below in order from least to greatest.

A. 1,  $\frac{1}{4}$ , 3.1, 33%

B. 50%,  $\frac{5}{8}$ , .7,  $\frac{1}{9}$

C. .85, 75%,  $\frac{5}{6}$ ,  $\frac{2}{3}$

D. 150%, 1.7,  $\frac{1}{150}$ ,  $\frac{8}{3}$

**3.** Fill in the blanks below:

	Fraction (Simplified)	Fraction (Hundredths)	Decimal	Percentage
A.	$\frac{1}{10}$	$\frac{10}{100}$	.1	10%
B.	$\frac{3}{20}$	_____	_____	30%
C.	$\frac{25}{100}$	_____	.25	_____
D.	$\frac{3}{10}$	_____	_____	30%
E.	$\frac{2}{5}$	$\frac{40}{100}$	_____	_____
F.	_____	$\frac{45}{100}$	.45	45%

**4.** Write the fractions below as percentages

A.  $\frac{15}{100} =$

B.  $\frac{13}{100} =$

C.  $\frac{40}{100}$

D.  $\frac{1}{100} =$

E.  $\frac{45}{100} =$

F.  $\frac{8}{100} =$

G.  $\frac{7}{10} =$

H.  $\frac{15}{50} =$

I.  $\frac{20}{50} =$

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**5.** Calculating using Percentage Values:

- |                 |                 |                  |
|-----------------|-----------------|------------------|
| A. 5 is 5% of   | B. 12 is 1% of  | C. 2 is 4% of    |
| D. 1 is 5% of   | E. 14 is 7% of  | F. 4 is 5% of    |
| G. 6.3 is 7% of | H. 18 is 15% of | I. 16 is 200% of |

**6.** On Sunday,  $\frac{1}{6}$  of the dogs seen in the park were on leashes. On Wednesday,  $\frac{3}{5}$  of the dogs in the same park were on leashes. Which day had a greater percentage of dogs on leashes?

**7.** Bryon visited  $\frac{7}{9}$  of her favourite websites. Kelly visited  $\frac{1}{4}$  of her favourite websites. Who visited a greater percentage of her favourite websites?

- A. Byron
- B. Kelly

**8.** At Samson Middle School's annual bake sale,  $\frac{8}{9}$  of the products sold were cookies. At Arro Middle School's bake sale,  $\frac{3}{10}$  of the baked goods sold were cookies. Which school sold a greater percentage of cookies?

- A. Samson Middle School
- B. Arro Middle School

**9.** Yesterday,  $\frac{5}{6}$  of the flights at Clark County Airport were delayed. At Taylor County Airport,  $\frac{1}{9}$  of the flights were delayed. Which airport had a higher percentage of delayed flights?

- A. Clark County Airport
- B. Taylor County Airport

**10.** A supermarket found that  $\frac{4}{5}$  of customers bought vegetables and  $\frac{1}{4}$  of customers bought fruit. Which purchase was made by a greater percentage of customers?

- A. vegetables
- B. fruit

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**11.**  $\frac{6}{7}$  of the local science bowl contestants were competing for the first time, while  $\frac{4}{9}$  of the regional science bowl contestants were competing for the first time. Which science bowl had a greater percentage of first-time contestants?

local

regional