

Estimating Fractions*Number Sense***Estimating Fractions** - Sometimes an approximate number is acceptable, and the exact number is not need.

- Estimates are usually quick numbers that may be useful for planning or purchasing supplies.
- If the fraction is less than half, then round down to the nearest whole number $2\frac{1}{4} \sim 2$.
- If the fraction is half or larger, then round up to the nearest whole number $4\frac{7}{8} \sim 5$.

Directions: Estimate each sum or difference. Then answer the hinky-pinky.**What do young felines like in December?**

A. $2\frac{3}{10} = 2$ $+ 5\frac{7}{8} = \underline{6}$ 8	N. $6\frac{1}{3} =$ $+ 8\frac{2}{9} = \underline{\hspace{1cm}}$	F. $18\frac{5}{8} =$ $- 7\frac{6}{10} = \underline{\hspace{1cm}}$	J. $2\frac{3}{4} =$ $- 1\frac{1}{2} = \underline{\hspace{1cm}}$
R. $3\frac{1}{8} =$ $+ 9\frac{2}{3} = \underline{\hspace{1cm}}$	A. $10\frac{1}{8} =$ $- 3\frac{5}{9} = \underline{\hspace{1cm}}$	N. $67\frac{3}{5} =$ $+ 4\frac{2}{5} = \underline{\hspace{1cm}}$	U. $2\frac{5}{8} =$ $+ 8\frac{1}{10} = \underline{\hspace{1cm}}$
A. $11\frac{1}{9} =$ $- 1\frac{5}{9} = \underline{\hspace{1cm}}$	O. $41\frac{6}{8} =$ $+ 1\frac{4}{9} = \underline{\hspace{1cm}}$	S. $40\frac{2}{6} =$ $- 7\frac{5}{8} = \underline{\hspace{1cm}}$	E. $6\frac{2}{5} =$ $+ 8\frac{4}{6} = \underline{\hspace{1cm}}$
T. $17\frac{3}{5} =$ $+ 2\frac{9}{10} = \underline{\hspace{1cm}}$	W. $1\frac{1}{8} =$ $- 1\frac{2}{5} = \underline{\hspace{1cm}}$	L. $23\frac{6}{9} =$ $+ 7\frac{8}{9} = \underline{\hspace{1cm}}$	T. $32\frac{5}{16} =$ $- 7\frac{4}{7} = \underline{\hspace{1cm}}$
T. $10\frac{10}{21} =$ $+ 7\frac{3}{7} = \underline{\hspace{1cm}}$	E. $12\frac{12}{13} =$ $- \frac{8}{13} = \underline{\hspace{1cm}}$	E. $9\frac{7}{30} =$ $+ 8\frac{15}{20} = \underline{\hspace{1cm}}$	T. $26\frac{7}{11} =$ $- 3\frac{13}{15} = \underline{\hspace{1cm}}$
I. $6\frac{1}{15} =$ $- 2\frac{5}{16} = \underline{\hspace{1cm}}$	I. $12\frac{9}{10} =$ $+ 12\frac{4}{18} = \underline{\hspace{1cm}}$	K. $21\frac{3}{8} =$ $- 2\frac{2}{19} = \underline{\hspace{1cm}}$	M. $23\frac{6}{9} =$ $+ 5\frac{5}{6} = \underline{\hspace{1cm}}$

19	4	17	21	18	71		30	25	24	23	12	14	42
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Estimating Fractions

Number Sense

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Directions: Estimate each sum or difference. Then answer the hinky-pinky.

What do young felines like in December?



A. $2\frac{3}{10} = 2$ $+ 5\frac{7}{8} = 6$ 8	N. $6\frac{1}{3} = 6$ $+ 8\frac{2}{9} = 8$ 14	F. $18\frac{5}{8} = 19$ $- 7\frac{6}{10} = 8$ 11	J. $2\frac{3}{4} = 3$ $- 1\frac{1}{2} = 2$ 1
R. $3\frac{1}{8} = 3$ $+ 9\frac{2}{3} = 10$ 13	A. $10\frac{1}{8} = 10$ $- 3\frac{5}{9} = 4$ 6	N. $67\frac{3}{5} = 67$ $+ 4\frac{2}{5} = 4$ 71	U. $2\frac{5}{8} = 3$ $+ 8\frac{1}{10} = 8$ 11
A. $11\frac{1}{9} = 11$ $- 1\frac{5}{9} = 2$ 9	O. $41\frac{6}{8} = 42$ $+ 1\frac{4}{9} = 1$ 43	S. $40\frac{2}{6} = 40$ $- 7\frac{5}{8} = 8$ 42	E. $6\frac{2}{5} = 6$ $+ 8\frac{4}{6} = 9$ 15
T. $17\frac{3}{5} = 18$ $+ 2\frac{9}{10} = 3$ 21	W. $1\frac{1}{8} = 1$ $- 1\frac{2}{5} = 1$ 0	L. $23\frac{6}{9} = 24$ $+ 7\frac{8}{9} = 8$ 32	T. $32\frac{5}{16} = 32$ $- 7\frac{4}{7} = 8$ 24
T. $10\frac{10}{21} = 10$ $+ 7\frac{3}{7} = 7$ 17	E. $12\frac{12}{13} = 13$ $- \frac{8}{13} = 1$ 12	E. $9\frac{7}{30} = 9$ $+ 8\frac{15}{20} = 9$ 18	T. $26\frac{7}{11} = 27$ $- 3\frac{13}{15} = 4$ 23
I. $6\frac{1}{15} = 6$ $- 2\frac{5}{16} = 2$ 4	I. $12\frac{9}{10} = 13$ $+ 12\frac{4}{18} = 12$ 25	K. $21\frac{3}{8} = 21$ $- 2\frac{2}{19} = 2$ 19	M. $23\frac{6}{9} = 24$ $+ 5\frac{5}{6} = 6$ 30

K	I	T	T	E	N		M	I	T	T	E	N	S
19	4	17	21	18	71		30	25	24	23	12	14	42