

Ratio Activity

Express any ratio below as a fraction in lowest terms. Find this ratio in the answer columns and notice the number to the left of it. Each time this number appears in the code, write the letter of the problem above it. Keep working and you will decode the message.

(S) 4 : 12

(Y) $\frac{15}{25}$

(F) 21 to 49

(N) 48 : 6

(K) $\frac{48}{32}$

(E) 96 to 24

(I) $1\frac{1}{5}$ to $\frac{1}{2}$

(G) $\frac{5}{8}$ to $\frac{1}{2}$

(T) $\frac{3}{8}$: $2\frac{1}{4}$

(R) $\frac{3}{4}$: $\frac{2}{3}$

(L) $3\frac{1}{3}$ to $\frac{5}{4}$

(W) $1\frac{1}{2}$ to 7

(U) 40 seconds to 3 minutes

(H) 3 dollars to 65 cents

(D) **WORLD RECORD:** Wilt Chamberlain scored 100 points in a single basketball game on March 2, 1962. In that game, he made 36 field goals (baskets) in 63 attempts. Find the ratio of field goals to attempts.

(A) Sonny Jurgensen set a record for the most passes completed in a football season. He completed 288 passes in 508 attempts. Find the ratio of completed passes to attempts.

(O) The 1906 Chicago baseball team set a record by losing only 36 games out of 154 games that they played. Find the ratio of games won to games played.

(C) The Boston Bruins hockey team set a record by winning 57 games against 7 ties and 14 losses. Find the ratio of games won to games played.

ANSWERS

(1)

$\frac{60}{13}$

(10)

$\frac{3}{14}$

(2)

$\frac{9}{8}$

(11)

$\frac{8}{1}$

(3)

$\frac{1}{6}$

(12)

$\frac{4}{1}$

(4)

$\frac{72}{127}$

(13)

$\frac{2}{9}$

(5)

$\frac{1}{3}$

(14)

$\frac{5}{4}$

(6)

$\frac{2}{5}$

(15)

$\frac{19}{26}$

(7)

$\frac{3}{5}$

(16)

$\frac{3}{2}$

(8)

$\frac{8}{3}$

(17)

$\frac{3}{7}$

(9)

$\frac{59}{77}$

(18)

$\frac{4}{7}$

15·29·15·9·18·6·8·12·5·4·2·12·4·8·10·4·7·5·8·9·9·16·6·11·14·17·9·2·4·1·4·11·18·9·13·3