Ratio Worksheets Word Problems - Give The Ratio Math Worksheet 13



| Name: | | |
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Solve the following word problems. Show your solutions then simplify your answers. The first one is done for you.

| In a class, the | re are 12 boys and 1 | 6 girls. What is the ratio of bo | oys to girls? | |
|---|--|--------------------------------------|--|--------------------------|
| | boys = 12 | simplify 12:16 | | |
| | girls = 16 | 12/4= 3, 16/4=4 | | |
| SOLUTION: | boys:girls | 3:4 | | |
| | 12:16 | | ANSWER = | 3:4 |
| A shirt has 5 | nearts for every 10 c | ircles. What is the ratio of hea | arts to circles? | |
| SOLUTION: | | | | |
| | | | ANSWER = | |
| | | | | |
| Ta a : b a , , a b 4 0 | | | 15 1371 4 1 41 | a matic of applicate all |
| | | t, of which 12 are apples and 1 | 3 are oranges. What is th | e ratio of apples to all |
| the fruits that | | t, of which 12 are apples and 1 | is are oranges. What is th | e rano of apples to all |
| the fruits that | | t, of which 12 are apples and 1 | is are oranges. What is th | e radio of appies to an |
| | | t, of which 12 are apples and 1 | | |
| the fruits that | | t, of which 12 are apples and 1 | | e radio of apples to an |
| the fruits that SOLUTION: Mr. Carlson's | she bought? | tudents, of which 12 are males | ANSWER = | |
| the fruits that SOLUTION: Mr. Carlson's | she bought? Math class has 30 st | tudents, of which 12 are males | ANSWER = | |
| SOLUTION: Mr. Carlson's females to all | she bought? Math class has 30 st | tudents, of which 12 are males | ANSWER = | What is the ratio of |
| Mr. Carlson's females to all | Math class has 30 st the students in the c | tudents, of which 12 are males | ANSWER = and the rest are females. ANSWER = | What is the ratio of |
| Mr. Carlson's females to all | Math class has 30 st the students in the c | tudents, of which 12 are males lass? | ANSWER = and the rest are females. ANSWER = | What is the ratio of |
| Mr. Carlson's females to all | Math class has 30 st the students in the c | tudents, of which 12 are males lass? | ANSWER = and the rest are females. ANSWER = | What is the ratio of |
| Mr. Carlson's females to all | Math class has 30 st the students in the c | tudents, of which 12 are males lass? | ANSWER = and the rest are females. ANSWER = | What is the ratio o |



Name: ANSWER KEY

Solve the following word problems. Show your solutions then simplify your answers. The first one is done for you.

In a class, there are 12 boys and 16 girls. What is the ratio of boys to girls?

boys = 12 simplify 12:16 girls = 16 12/4= 3, 16/4=4

SOLUTION: boys:girls 3:4

12:16

ANSWER = _______3:4

A shirt has 5 hearts for every 10 circles. What is the ratio of hearts to circles?

hearts = 5 simplify 5:10 circles = 10 5/5= 1, 10/5=2

SOLUTION: hearts:circles 1:2

5:10

ANSWER = _____1:2

Joei bought 27 fruits in the market, of which 12 are apples and 15 are oranges. What is the ratio of apples to all the fruits that she bought?

all fruits = 27 simplify 12:27 SOLUTION: apples = 12 12/3=4, 27/3= 9

apples:all fruits 4:9

12:27

Mr. Carlson's Math class has 30 students, of which 12 are males and the rest are females. What is the ratio of females to all the students in the class?

all students = 30 simplify 18:30 males = 12 18/6=3, 30/6=5

SOLUTION: females = 30-12 = 18 3:5

females:all students

18:30

ANSWER = ______ 3:5

ANSWER = _____ 4:9

Nigel received 10 stars and 15 diamonds during a voting event. What is the ratio of stars to diamonds?

stars = 10 simplify 10:15 diamonds = 15 10/5= 2, 15/5=3

SOLUTION: stars:diamonds 2:3

10:15

 $ANSWER = \underline{\hspace{1cm} 2:3}$