

# Ratio Homework

Show Your Work

- Make a table

1. Coach Dudney has 32 basketballs and 16 footballs. Which ratio accurately compares the number of basketballs to the number of footballs?

- A 3:1                      C 2:1  
B 16:32                    D 8:2

2. Coach Hagemann's team has won 24 games and lost 4 games. Which ratio accurately compares the number of games lost to the number of games won?

- A 24:4                      C 1:4  
B 1:6                        D 4:6

3. Coach Hamman has 25 boys and 10 girls in his P.E. class. Which ratio accurately compares the number of girls to boys in Coach Hamman's class?

- A 2:5                        C 5:10  
B 5:5                        D 2:10

4. Coach Reeb has 14 wide receivers and 4 tight ends on his football team. Which ratio accurately compares the number of wide receivers to tight ends on his football team?

- A 2:7                        C 7:2  
B 2:4                        D 4:2

5. Mrs. Leonard is planting a flower garden. She has 18 marigolds for every 6 petunia. Which ratio accurately compares the number of petunias to marigolds in her flower garden?

- A 1:9                        C 3:1  
B 1:3                        D 9:1

6. Mr. Gregory is creating a rock sidewalk in his backyard. He has created a pattern which uses 24 small size rocks for every 9 large rocks. Which ratio accurately compares the number of large rocks to small rocks for his sidewalk?

- A 1:9                        C 3:9  
B 3:12                      D 3:8

Show Your Work

7. If the ratio of children to parents is 3 to 2, which of these shows possible numbers of children to parents?

- A 60 children, 90 parents
- B 168 children, 112 parents
- C 112 children, 168 parents
- D 170 children, 115 parents

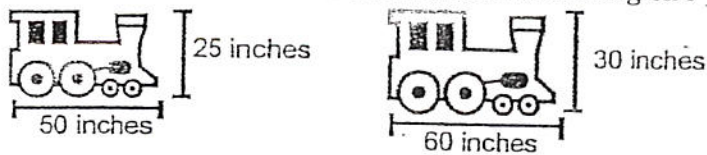
8. If the ratio of red bows to green bows is 2 to 3, which of these shows possible numbers of red bows to green bows?

- A 132 red bows and 88 green bows
- B 23 red bows and 32 green bows
- C 32 red bows and 23 green bows
- D 88 red bows and 132 green bows

9. If the ratio of root beer drinkers to cola drinkers is 2 to 9, which of these shows possible numbers of root beer drinkers to cola drinkers at McNeil High School?

- A 153 root beers, 34 colas
- B 315 root beers, 70 colas
- C 34 root beers, 4 colas
- D 34 root beers, 153 colas

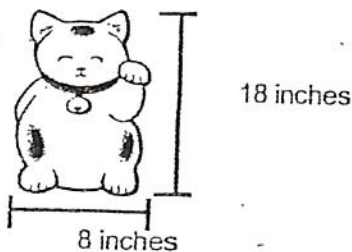
10. The two model trains shown in this drawing are proportional.



What is the ratio of the dimensions of the large train to the dimensions of the small train?

- A 5 to 6
- B 6 to 5
- C 1 to 2
- D 2 to 1

11. Look at the drawing of the cat shown below.



What is the ratio of the height of the cat to its width?

- A 1 to 10
- B 2 to 1
- C 4 to 9
- D 9 to 4