

#1

What is the ratio of yellow circles to total circles? Write your answer as two numbers separated by a colon (for example, 3:4).



Show your work

#2

What is the ratio of red circles to total circles? Write your answer as two numbers separated by a colon (for example, 3:4).



Show your work

#3

What is the ratio of orange circles to brown circles? Write your answer as two numbers separated by a colon (for example, 3:4).

☐ 5:3☐ 8:3☐ 3:8☐ 3:5

Show your work

#4

What is the ratio of blue octagons to red octagons? Write your answer as two numbers separated by a colon (for example, 3:4).



Show your work

#5

What is the ratio of violet triangles to blue triangles? Write your answer as two numbers separated by a colon (for example, 3:4).

☐ 5:8☐ 5:3☐ 3:5☐ 8:5

Show your work

#6

What is the ratio of red octagons to total octagons? Write your answer as two numbers separated by a colon (for example, 3:4).

☐ 8:2☐ 8:4☐ 4:8☐ 7:8

Show your work

#7

What is the ratio of red parallelograms to grey parallelograms? Write your answer as two numbers separated by a colon (for example, 3:4).

☐ 1:8☐ 8:4☐ 4:4☐ 4:8

Show your work

#8

What is the ratio of green octagons to yellow octagons? Write your answer as two numbers separated by a colon (for example, 3:4).



Show your work

#9

What is the ratio of orange pentagons to total pentagons? Write your answer as two numbers separated by a colon (for example, 3:4).

☐ 2:6☐ 8:2☐ 6:2☐ 2:8

Show your work

#10

What is the ratio of grey triangles to red triangles? Write your answer as two numbers separated by a colon (for example, 3:4).

☐ 4:4☐ 4:8☐ 8:4☐ 7:8

Show your work

#11

What is the ratio of brown pentagons to total pentagons? Write your answer as two numbers separated by a colon (for example, 3:4).

☐ 8:5☐ 3:5☐ 5:3☐ 5:8

Show your work

#12

What is the ratio of orange squares to total squares? Write your answer as two numbers separated by a colon (for example, 3:4).



Show your work

Question	Answer
#1	7:8
#2	4:8
#3	choice 4
#4	3:5
#5	choice 2
#6	choice 3
#7	choice 3
#8	5:3
#9	choice 4
#10	choice 1
#11	choice 4
#12	6:8