Fraction Quantity Relative to Whole

Name:

Solve each problem.

Ex) Express the triangles as a fraction of the entire set.

△ □ △ △ △ □ △ □
□ △ △ □ □ □ △ △
△ □ △ △

1) Express the stars as a fraction of the entire set.

□ □ □ ☆ □ □ □ □
□ □ ☆ ☆

2) Express the moons as a fraction of the entire set.

☾ ☾ ☾ ☾ ☾ ☾ ☆ ☾
☾ ☾ ☾ ☾ ☆

3) Express the moons as a fraction of the entire set.

☆ ☆ ☾ ☾ ☆ ☾ ☾ ☆
☾ ☾ ☾ ☾ ☾ ☾

4) Express the stars as a fraction of the entire set.

☆ ☆ ☆ ♡ ♡ ♡ ☆ ☆
☆ ♡ ♡ ☆ ♡ ♡ ♡ ♡
☆ ♡ ♡

5) Express the triangles as a fraction of the entire set.

△ △ ♡ △ ♡ ♡ △ △
♡ ♡ △ ♡ △ △

6) Express the hearts as a fraction of the entire set.

☾ ☾ ☾ ☾ ♡ ☾ ☾ ☾
☾ ♡ ☾ ☾

7) Express the hearts as a fraction of the entire set.

☆ ☆ ♡ ☆ ☆ ☆ ☆ ♡
☆ ♡ ☆ ☆ ♡ ☆ ☆ ♡
♡ ☆ ☆ ♡ ♡ ♡

8) Express the hearts as a fraction of the entire set.

● ♡ ● ♡ ♡ ♡ ● ♡
● ♡ ♡ ♡ ● ● ● ♡

9) Express the squares as a fraction of the entire set.

⬠ □ ⬠ □ □ ⬠ □ ⬠
□ □ ⬠ □ ⬠ ⬠ ⬠ ⬠
⬠ □ ⬠ ⬠

10) Express the hearts as a fraction of the entire set.

♡ ⬠ ♡ ♡ ♡ ⬠

11) Express the squares as a fraction of the entire set.

☆ □ □ ☆ □ □ □ □
□ □ ☆ □ ☆ ☆ ☆ ☆
☆ ☆ ☆ ☆ □ ☆ □ ☆
☆ □ □

	Answers
Ex.	$^{12}/_{20}$
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Answer Key

Solve each problem.

Ex) Express the triangles as a fraction of the entire set.

1) Express the stars as a fraction of the entire set.

Ex. _____ 12/20

2) Express the moons as a fraction of the entire set.

3) Express the moons as a fraction of the entire set.

1. _____ 3/12

2. _____ 11/13

3. _____ 10/14

4) Express the stars as a fraction of the entire set.

5) Express the triangles as a fraction of the entire set.

4. _____ 8/19

5. _____ 8/14

6. _____ 2/12

6) Express the hearts as a fraction of the entire set.

7) Express the hearts as a fraction of the entire set.

7. _____ 9/22

8. _____ 9/16

9. _____ 8/20

8) Express the hearts as a fraction of the entire set.

9) Express the squares as a fraction of the entire set.

10. _____ 4/6

11. _____ 13/27

10) Express the hearts as a fraction of the entire set.

11) Express the squares as a fraction of the entire set.

1-10	91	82	73	64	55	45	36	27	18	9
11	0									