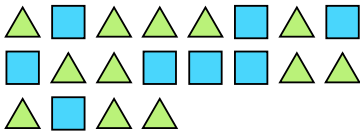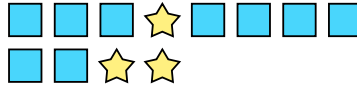# Fraction Quantity Relative to Whole

Name:

Solve each problem.

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

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

Ex. $\frac{12}{27}$

1. _____

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

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

2. _____

3. _____

4. _____

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

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

5. _____

6. _____

7. _____

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

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

8. _____

9. _____

10. _____

11. _____

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

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

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

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

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

Name: **Answer Key**

Solve each problem.

Answers

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

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

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

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

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

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

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

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

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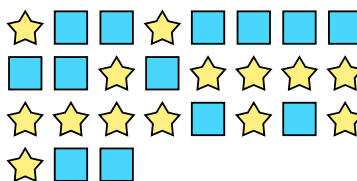

9) Express the circles as a fraction of the entire set.

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

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

	Answers
Ex.	$12/27$
1.	$11/22$
2.	$7/16$
3.	$3/18$
4.	$9/11$
5.	$4/15$
6.	$12/20$
7.	$8/18$
8.	$11/13$
9.	$15/26$
10.	$4/9$
11.	$11/14$

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

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

1. _____

2. _____

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

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

3. _____

4. _____

5. _____

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

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

6. _____

7. _____

8. _____

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

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

9. _____

10. _____

11. _____

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.

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

Name: **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.

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

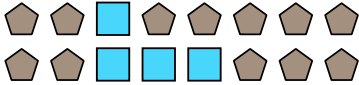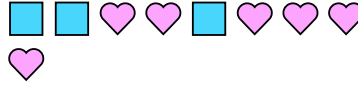**3)** Express the moons as a fraction of the entire set.

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.


Ex. $\frac{12}{20}$

1. $\frac{3}{12}$

2. $\frac{11}{13}$

3. $\frac{10}{14}$

4. $\frac{8}{19}$

5. $\frac{8}{14}$

6. $\frac{2}{12}$

7. $\frac{9}{22}$

8. $\frac{9}{16}$

9. $\frac{8}{20}$

10. $\frac{4}{6}$

11. $\frac{13}{27}$

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

Solve each problem.

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

Ex. _____ $\frac{15}{22}$

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

1. _____

2. _____

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

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

3. _____

4. _____

5. _____

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

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

6. _____

7. _____

8. _____

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

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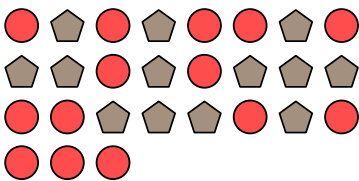
9. _____

10. _____

11. _____

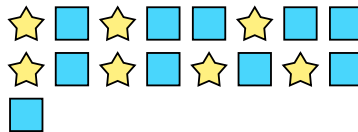**8)** Express the stars as a fraction of the entire set.

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

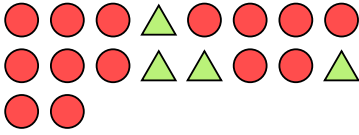**10)** Express the circles as a fraction of the entire set.
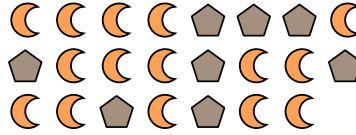
11) Express the stars as a fraction of the entire set.

Name:

Solve each problem.

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

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

Ex. _____ $^{15}/_{22}$

1. _____ $^{3}/_{13}$

2. _____ $^{4}/_{16}$
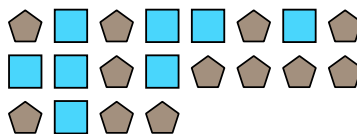
2) Express the squares as a fraction of the entire set.

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

3. _____ $^{6}/_{9}$

4. _____ $^{2}/_{17}$

5. _____ $^{9}/_{19}$

4) Express the stars as a fraction of the entire set.
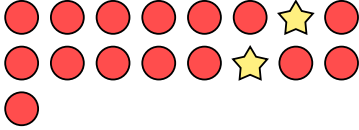
5) Express the hearts as a fraction of the entire set.
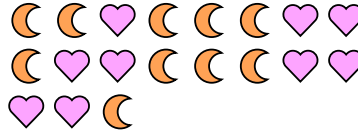
6. _____ $^{4}/_{12}$

7. _____ $^{9}/_{19}$

8. _____ $^{2}/_{10}$

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

7) Express the squares as a fraction of the entire set.
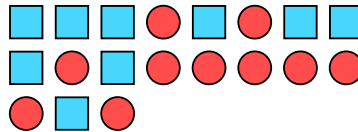
9. _____ $^{6}/_{11}$

10. _____ $^{14}/_{27}$

11. _____ $^{7}/_{17}$

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

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

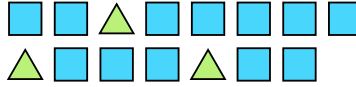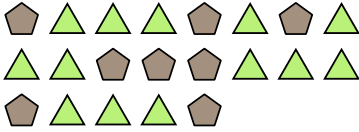**10)** Express the circles as a fraction of the entire set.

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

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3

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

Solve each problem.

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

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

Ex. $\dfrac{3}{12}$

1. _____

2. _____

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

3) Express the squares as a fraction of the entire set.
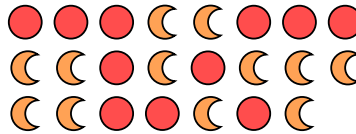
3. _____

4. _____

5. _____

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

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

6. _____

7. _____

8. _____

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

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

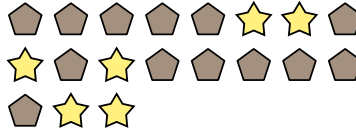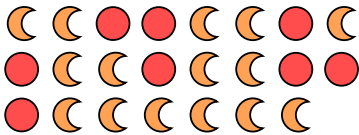9. _____

10. _____

11. _____

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

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

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

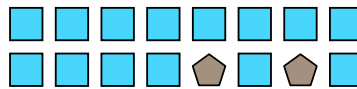**11)** Express the triangles as a fraction of the entire set.

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

Solve each problem.

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

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

Ex. $\frac{3}{12}$

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

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

1. $\frac{15}{26}$

2. $\frac{4}{15}$

3. $\frac{6}{12}$

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

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

4. $\frac{8}{22}$

5. $\frac{12}{22}$

6. $\frac{6}{10}$

7. $\frac{8}{19}$

8. $\frac{15}{23}$

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

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

9. $\frac{5}{14}$
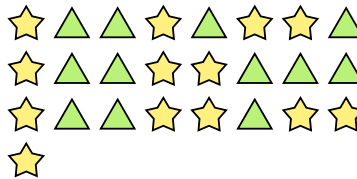
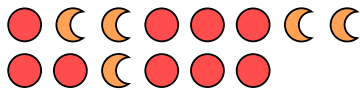10. $\frac{6}{19}$

11. $\frac{15}{20}$

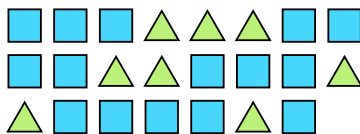**8)** Express the hearts as a fraction of the entire set.

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

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

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

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

Fraction Quantity Relative to Whole

Name:

Solve each problem.

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

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

Ex. ____$\frac{4}{18}$____

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

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

1. _____

2. _____

3. _____

4. _____

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

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

5. _____

6. _____

7. _____

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

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

8. _____

9. _____

10. _____

11. _____

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

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

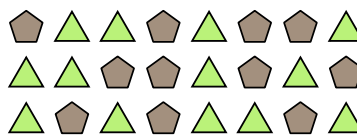**10)** Express the circles as a fraction of the entire set.

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

Solve each problem.

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

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

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

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

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

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

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

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

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

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

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

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

Ex. $\frac{4}{18}$

1. $\frac{15}{23}$

2. $\frac{9}{16}$

3. $\frac{12}{15}$

4. $\frac{13}{21}$

5. $\frac{4}{14}$

6. $\frac{5}{9}$

7. $\frac{11}{23}$

8. $\frac{7}{12}$

9. $\frac{6}{19}$

10. $\frac{8}{23}$

11. $\frac{2}{5}$

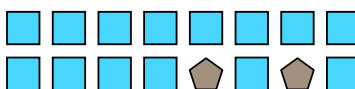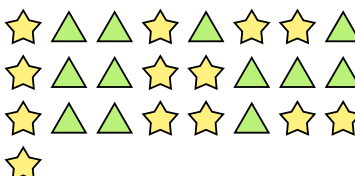**Solve each problem.**

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

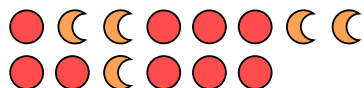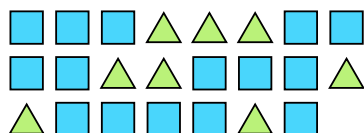**1)** Express the squares as a fraction of the entire set.

Ex. _____ 6/8

1. _____

2. _____

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

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

3. _____

4. _____

5. _____

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

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

6. _____

7. _____

8. _____

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

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

9. _____

10. _____

11. _____

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

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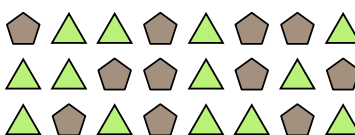

10) Express the circles as a fraction of the entire set.

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

Name: **Answer Key**

Solve each problem.

Answers

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

Ex. $\frac{6}{8}$

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

1. $\frac{14}{16}$

2. $\frac{11}{19}$

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

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

3. $\frac{13}{25}$

4. $\frac{5}{14}$

5. $\frac{4}{7}$

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

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

6. $\frac{8}{23}$

7. $\frac{9}{24}$

8. $\frac{6}{13}$

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

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

9. $\frac{13}{24}$

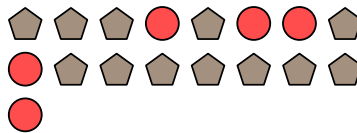10. $\frac{3}{5}$

11. $\frac{3}{12}$

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

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

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

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

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

Solve each problem.

Answers

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

Ex. _____ $^{15}/_{25}$

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

1. _____

2. _____

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

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

3. _____

4. _____

5. _____

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

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

6. _____

7. _____

8. _____

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

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

9. _____

10. _____

11. _____

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

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

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

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

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

Solve each problem.

Answers

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

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

Ex. $\frac{15}{25}$

1. $\frac{8}{20}$

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

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

2. $\frac{10}{12}$
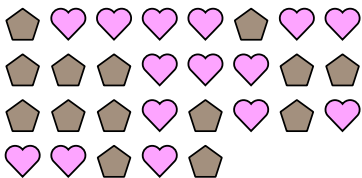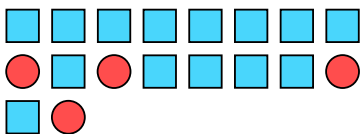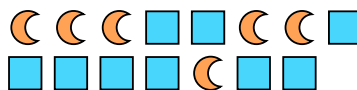
3. $\frac{11}{16}$

4. $\frac{3}{13}$

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

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

5. $\frac{5}{17}$

6. $\frac{14}{29}$

7. $\frac{8}{14}$

8. $\frac{14}{18}$

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

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

9. $\frac{7}{12}$

10. $\frac{8}{13}$

11. $\frac{6}{15}$

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

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

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

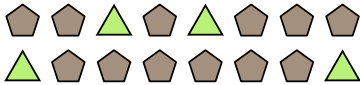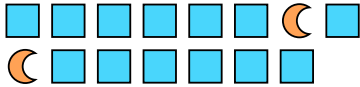**11)** Express the moons as a fraction of the entire set.

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

Solve each problem.

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

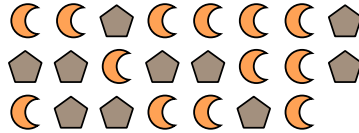

1) Express the stars as a fraction of the entire set.

Ex. $\frac{4}{16}$

1. _____

2. _____

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

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

3. _____

4. _____

5. _____

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

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

6. _____

7. _____

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

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

8. _____

9. _____

10. _____

11. _____

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

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

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

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

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.

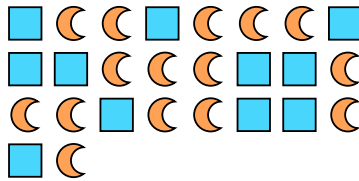**3)** Express the pentagons as a fraction of the entire set.

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

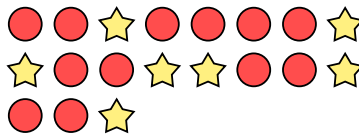**5)** Express the moons as a fraction of the entire set.

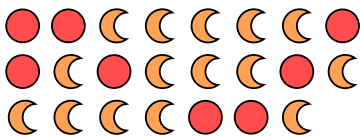
6) Express the stars as a fraction of the entire set.

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

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

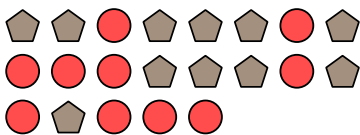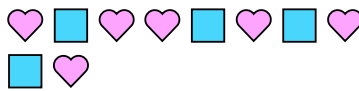**9)** Express the pentagons as a fraction of the entire set.

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

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

Ex. $\frac{4}{16}$

1. $\frac{9}{21}$

2. $\frac{2}{15}$

3. $\frac{10}{23}$

4. $\frac{12}{17}$

5. $\frac{15}{26}$

6. $\frac{7}{16}$

7. $\frac{12}{19}$

8. $\frac{8}{23}$
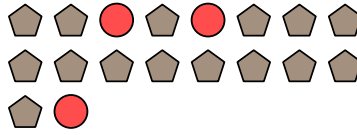
9. $\frac{7}{11}$

10. $\frac{11}{21}$

11. $\frac{4}{10}$

Fraction Quantity Relative to Whole

Name:

Answers

Solve each problem.

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

Ex. $6/9$

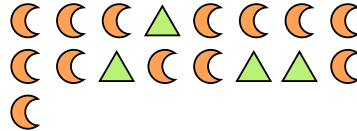**1)** Express the circles as a fraction of the entire set.

1. _____

2. _____

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

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

3. _____

4. _____

5. _____

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

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

6. _____

7. _____

8. _____

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

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

9. _____

10. _____

11. _____

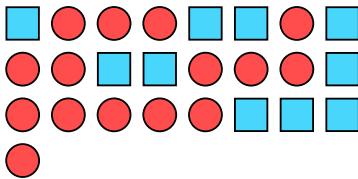**8)** Express the pentagons as a fraction of the entire set.

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

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

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

Name: **Answer Key**

Solve each problem.

Answers

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

Ex. $\frac{6}{9}$

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

1. $\frac{3}{18}$

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

2. $\frac{4}{9}$

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

3. $\frac{4}{17}$

4. $\frac{15}{25}$

5. $\frac{2}{15}$

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

6. $\frac{3}{7}$

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

7. $\frac{5}{11}$

8. $\frac{5}{9}$

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

9. $\frac{5}{20}$

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

10. $\frac{8}{23}$

11. $\frac{13}{19}$

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

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

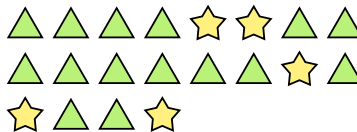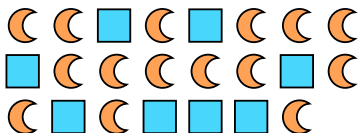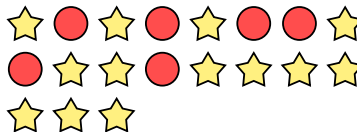**10)** Express the squares as a fraction of the entire set.

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

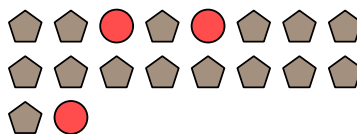| 1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Name:

Solve each problem.

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

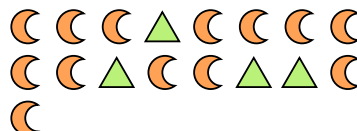**1)** Express the moons as a fraction of the entire set.

Ex. $\frac{5}{15}$

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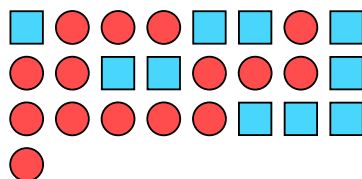

3) Express the triangles as a fraction of the entire set.

1. _____

2. _____

3. _____

4. _____

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

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

5. _____

6. _____

7. _____

8. _____

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

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

9. _____

10. _____

11. _____

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

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

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

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

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

Name: **Answer Key**

Solve each problem.

Answers

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

Ex. _____ $^5/_{15}$

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

1. _____ $^{14}/_{27}$

2. _____ $^{11}/_{18}$

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

3. _____ $^{14}/_{29}$

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

4. _____ $^8/_{11}$

5. _____ $^2/_5$

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

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

6. _____ $^4/_9$

7. _____ $^{13}/_{22}$

8. _____ $^{15}/_{22}$

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

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

9. _____ $^{10}/_{18}$

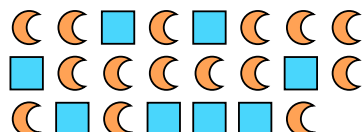10. _____ $^2/_6$

11. _____ $^2/_{13}$

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

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

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

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

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