Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



3) Express the shaded portion as a decimal of the whole.



5) Express the shaded portion as a decimal of the whole.



7) Express the un-shaded portion as a decimal of the whole.



2) Express the shaded portion as a decimal of the whole.



4) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



6) Express the un-shaded portion as a decimal of the whole.



8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



1

Answers	

1.

2.

3.

4.

5.

6.

7.

8.

Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



3) Express the shaded portion as a decimal of the whole.



5) Express the shaded portion as a decimal of the whole.



7) Express the un-shaded portion as a decimal of the whole.



2) Express the shaded portion as a decimal of the whole.



4) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



6) Express the un-shaded portion as a decimal of the whole.



8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



1

Answers

 $\frac{35}{100}$

0.15

0.1

0.35

0.9

0.35

⁸⁰/100

³⁰/₁₀₀

1.

3.

6.

7

8

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



3) Express the un-shaded portion as a fraction 4) of the whole with a 10 as the denominator.



5) Express the un-shaded portion as a decimal 6) Express the un-shaded portion as a of the whole.



Express the shaded portion as a fraction of 7) the whole with a 100 as the denominator.



Express the un-shaded portion as a 2) decimal of the whole.



Express the shaded portion as a fraction of the whole with a 100 as the denominator.



decimal of the whole.



Express the shaded portion as a fraction 8) of the whole with a 100 as the denominator.



	Answers
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

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Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



3) Express the un-shaded portion as a fraction 4) of the whole with a 10 as the denominator.



5) Express the un-shaded portion as a decimal 6) Express the un-shaded portion as a of the whole.



Express the shaded portion as a fraction of 7) the whole with a 100 as the denominator.



Express the un-shaded portion as a 2) decimal of the whole.



Express the shaded portion as a fraction of the whole with a 100 as the denominator.



decimal of the whole.



Express the shaded portion as a fraction 8) of the whole with a 100 as the denominator.



	Answers
1.	⁶⁵ / ₁₀₀
2.	0.65
3.	⁸ / ₁₀
4.	⁵⁰ / ₁₀₀
5.	0.1
6.	0.9
7.	¹⁰ / ₁₀₀
8.	⁵ / ₁₀₀

88 63 50 38 25 1-8 75

1) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



Express the un-shaded portion as a fraction 7) of the whole with a 100 as the denominator.



Express the un-shaded portion as a 2) decimal of the whole.



4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



Express the un-shaded portion as a 6) fraction of the whole with a 100 as the denominator.



Express the un-shaded portion as a 8) decimal of the whole.



	Answers
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

Solve each problem.

1) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



2) Express the un-shaded portion as a decimal of the whole.



4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



6) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



8) Express the un-shaded portion as a decimal of the whole.



weinteg	
Answers	
1	⁷⁵ / ₁₀₀
2	0.2
3	⁵ / ₁₀₀
4	⁶⁰ / ₁₀₀
5.	⁷⁰ / ₁₀₀
6.	⁴⁵ / ₁₀₀
7.	²⁰ / ₁₀₀
8.	0.6

Solve each problem.

1) Express the shaded portion as a decimal of the whole.



3) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



5) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



7) Express the shaded portion as a decimal of the whole.



2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



4) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



6) Express the un-shaded portion as a decimal of the whole.



8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



Answers

1.

2.

3.

4.

5.

6.

7.

8.

Solve each problem.

1) Express the shaded portion as a decimal of the whole.



3) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



5) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



7) Express the shaded portion as a decimal of the whole.



2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



4) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



6) Express the un-shaded portion as a decimal of the whole.



8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



	Answers
1.	0.55
2.	⁸⁵ / ₁₀₀
3.	³ / ₁₀
4.	⁸⁵ / ₁₀₀
5.	⁶ / ₁₀
6.	0.55
7.	0.8
8.	²⁰ / ₁₀₀

1) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



3) Express the shaded portion as a decimal of the whole.



5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



7) Express the un-shaded portion as a decimal of the whole.



2) Express the shaded portion as a decimal of the whole.



4) Express the un-shaded portion as a decimal of the whole.



6) Express the un-shaded portion as a decimal of the whole.



8) Express the shaded portion as a decimal of the whole.



	Answers
1.	
2.	
3.	
4.	
5.	
6.	
7.	

Solve each problem.

1) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



3) Express the shaded portion as a decimal of the whole.



5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



7) Express the un-shaded portion as a decimal of the whole.



2) Express the shaded portion as a decimal of the whole.



4) Express the un-shaded portion as a decimal of the whole.



6) Express the un-shaded portion as a decimal of the whole.



8) Express the shaded portion as a decimal of the whole.



5 W	er key
Answers	
1.	15/100
2.	0.2
3.	0.25
4.	0.75
5.	⁶⁰ / ₁₀₀
6.	0.75
7.	0.9
8.	0.6

Math

Solve each problem.

1) Express the un-shaded portion as a decimal of the whole.



3) Express the un-shaded portion as a fraction 4) of the whole with a 100 as the denominator.



5) Express the shaded portion as a fraction of 6) Express the shaded portion as a decimal of the whole with a 100 as the denominator.



Express the shaded portion as a fraction of **8**) 7) the whole with a 100 as the denominator.



2) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



Express the shaded portion as a fraction of the whole with a 100 as the denominator.



the whole.



Express the shaded portion as a fraction of the whole with a 100 as the denominator.



	Answers
1.	
2.	
5.	

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63 50 1-8 88 38 25 75

Solve each problem.

1) Express the un-shaded portion as a decimal of the whole.



3) Express the un-shaded portion as a fraction 4) of the whole with a 100 as the denominator.



5) Express the shaded portion as a fraction of 6) Express the shaded portion as a decimal of the whole with a 100 as the denominator.



Express the shaded portion as a fraction of **8**) 7) the whole with a 100 as the denominator.



2) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



Express the shaded portion as a fraction of the whole with a 100 as the denominator.



the whole.



Express the shaded portion as a fraction of the whole with a 100 as the denominator.



W	er Key
Answers	
1.	0.55
2.	²⁵ / ₁₀₀
3.	¹⁰ / ₁₀₀
1.	55/100
5.	80/ ₁₀₀
5.	0.8
	5/100
7.	70 .
3.	100

63 50 1-8 88 38 25 75

1) Express the un-shaded portion as a decimal of the whole.



3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



2) Express the un-shaded portion as a decimal of the whole.



Express the un-shaded portion as a decimal of the whole.



6) Express the shaded portion as a decimal of the whole.



8) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.



Answers 1. 2. 3. 4. 5. 6. 7. 8.

Math

1-8 88 75 63 50 38 25 13 0

Solve each problem.

1) Express the un-shaded portion as a decimal of the whole.



3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



Express the un-shaded portion as a fraction 7) of the whole with a 100 as the denominator.



Express the un-shaded portion as a 2) decimal of the whole.



Express the un-shaded portion as a 4) decimal of the whole.



Express the shaded portion as a decimal 6) of the whole.



Express the un-shaded portion as a 8) fraction of the whole with a 10 as the denominator.



Swel Key	
Answers	
1.	0.9
2.	0.95
3.	²⁵ / ₁₀₀
4.	0.2
5.	⁵⁵ / ₁₀₀
6.	0.15
7.	³⁰ / ₁₀₀
8.	⁵ / ₁₀

Express the un-shaded portion as a fraction 2) of the whole with a 100 as the denominator.



3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



Express the shaded portion as a fraction of the whole with a 100 as the denominator.



4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



8) Express the shaded portion as a decimal of the whole.





Solve each problem.

Express the un-shaded portion as a fraction 2) of the whole with a 100 as the denominator.



3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



Express the shaded portion as a fraction of the whole with a 100 as the denominator.



4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



8) Express the shaded portion as a decimal of the whole.



wer Key		
Answers		
	⁸⁵ / ₁₀₀	
1.	/ 100	
2.	⁶⁰ / ₁₀₀	
3.	15/ ₁₀₀	
4.	¹⁵ / ₁₀₀	
4.	100	
5.	³⁰ / ₁₀₀	
6.	45/ ₁₀₀	
7.	⁷⁰ / ₁₀₀	
8.	0.1	

Solve each problem.

1) Express the shaded portion as a decimal of the whole.



3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



5) Express the shaded portion as a decimal of the whole.



7) Express the un-shaded portion as a decimal of the whole.



2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



4) Express the un-shaded portion as a decimal of the whole.



6) Express the un-shaded portion as a decimal of the whole.



8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



Answers

1.

2.

3.

4.

5.

6.

7.

8.

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Solve each problem.

1) Express the shaded portion as a decimal of the whole.



3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



5) Express the shaded portion as a decimal of the whole.



Express the un-shaded portion as a decimal of the whole.



2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



4) Express the un-shaded portion as a decimal of the whole.



6) Express the un-shaded portion as a decimal of the whole.



8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.



	e 1 11 e 3
	Answers
1.	0.8
2.	³⁰ / ₁₀₀
3.	50 /
4.	
	0.4
<i>5</i> . 6.	
	0.05
	0.85
8.	/ 100

Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



3) Express the shaded portion as a decimal of the whole.



5) Express the shaded portion as a decimal of the whole.



Express the shaded portion as a decimal 7) of the whole.



Express the shaded portion as a decimal of 2) the whole.



Express the shaded portion as a fraction of 4) the whole with a 10 as the denominator.



6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



	Answers
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

2.

4.

5.

Math

88 63 50 1-8 75 38 25

Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



3) Express the shaded portion as a decimal of the whole.



5) Express the shaded portion as a decimal of the whole.



7) Express the shaded portion as a decimal of the whole.



2) Express the shaded portion as a decimal of the whole.



4) Express the shaded portion as a fraction of the whole with a 10 as the denominator.



6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



	•= ==•j
	Answers
1.	⁸⁵ / ₁₀₀
2.	0.9
3.	0.3
4.	⁶ / ₁₀
5.	0.4
6.	⁷⁰ / ₁₀₀
7.	0.45
8.	80/100