Answer Key (handwritten)

1. What does the main character decide to train for?

    A. an obstacle course

    B. the Boston Marathon

    C. a pull-up contest

    D. a Zombie 5K

2. What is the climax of this story?

    A. when the main character finds out about the Zombie 5K

    B. when the main character is being chased by what she thinks are real zombies

    C. when the main character realizes her friends are just pretending to be zombies

    D. when the main character asks her friends to help her train for her 5K

3. The main character is in good physical shape. What piece of evidence from the text best supports this conclusion?

    A. She knew she had to train for the Zombie 5K and win it.

    B. She would sometimes scream and run wildly around in a circle.

    C. She ran in the Boston Marathon with her mother last year.

    D. Every day after school, she would change into her gym clothes.

4. What three words best describe the main character in this passage?

    A. hardworking, strong, gullible

    B. cheerful, intelligent, weak

    C. lazy, unhealthy, serious

    D. shy, quiet, lonely

5. What is the main idea of this passage?

    A. A girl trains for the Boston Marathon with the help of some terrifying zombies.

    B. A girl trains for a Zombie 5K with the help of her enthusiastic friends.

    C. A girl gets chased through a park by a group of actual zombies.

    D. A girl trains for a Zombie 5K by doing pull-ups on monkey bars.

6. Read these sentences from the passage:

"Amy wasn't slowing down.

'Come on, Amy, it's just a game!' I yelled. I struggled to free myself from the gate as she got closer and closer. Her eyes looked black, and I could smell her breath."

What feeling is the author trying to create with this description?

    A. happiness

    B. annoyance

    C. disgust

    D. suspense

7. Choose the answer that best completes the sentence below.

The main character wanted to train for a Zombie 5K, _____ she asked her friends to act like zombies and chase her.

    A. so

    B. if

    C. after

    D. but

8. Why did the main character ask her friends to help her train for the "Zombie 5K"? Use evidence from the text to support your answer.

She asked them to help her train for the "Zombie 5K" because she did not know what it would feel like to run while actually being chased by zombies. She had only pretended that she was being chased by zombies.

9. The main character experienced different feelings at different points while she was running away from her "zombified" friends in the park. What are three different feelings she experienced while she was running away from her "zombified" friends? Use evidence from the text to support your answer.

Student answers may vary somewhat but should cite supporting evidence.

> At first, the main character felt calm and was even having fun when she thought her friends were just acting out their zombie roles. This is evident because she told Amy that saying "brains" was "so cliché" and then "decided to play along." But then she got scared and a little panicky, evidenced by her running faster than she had ever thought she could, saying that "panic was setting in," and trying to figure out where she could hide. Finally, when she realized that her friends were playing a joke on her, she felt "incredibly angry" and "livid," but could not hold in her laughter. This indicates that while she was fuming mad, she was also relieved and happy.

10. Explain whether her friends' zombie trick helped the main character feel mentally prepared for the "Zombie 5K." Use evidence from the text to support your answer.

Her friends' zombie trick did help the main character feel more mentally prepared for the "Zombie 5K." Before her friends helped her out, she did not know what it would feel like to run while being chased by zombies. At the end of the story, she knows that she can complete the physical tasks of the race even while panicking and being chased. The text indicates this when Kristen says the main character "owned" the obstacle course while under pressure; the main character agrees and says she is not nervous about the race anymore. The fact that she says "anymore" indicates that she was nervous about the race before the zombie chase, but not now. This shows that she feels mentally prepared. The main character also starts laughing after she realizes how well she handled the obstacle course, even though she had been scared in the moment-this too indicates mental preparedness.

1. What biological effect is present when an animal shows a person affection in a comfortable setting?

    A. increase in the hormone cortisol

    B. decrease in the neurotransmitter serotonin

    C. decreased heart rate

    D. increased blood pressure

2. Which of the following statements *describes* a reaction that someone had to a therapy animal in the passage?

    A. A self-conscious student felt comfortable reading aloud.

    B. An elderly patient became sad and depressed.

    C. A student felt less relaxed and had difficulty controlling his emotions.

    D. A sick patient recovered faster from an illness.

3. Review the picture of the therapy horse and volunteer. What adjective could be used to best describe the volunteer?

    A. self-conscious

    B. rude

    C. caring

    D. impatient

4. Read the following sentence:

"Daisy Mei loves to cuddle, says Lulu, and is a great companion on days when she's feeling down, 'especially after I do poorly on a test or something like that.'"

The word **companion** means

    A. friend

    B. boss

    C. owner

    D. stranger

5. The primary purpose of this passage is to

    A. describe how a therapy animal helps people with many types of problems

    B. compare and contrast therapy animals with regular pets

    C. persuade schools to have a dog in the building for kids with special needs

    D. convince pet owners to take their dogs to therapy training to get certified

6. What effect can a therapy dog have on an upset student like Jack?

Jack was upset, and 10 seconds after Poet went over to him, he was smiling. After 15 minutes sitting with Poet, he was able to talk about his feelings, process the situation and go back to class. In paragraph 5, evidence is given that a calm, friendly dog lowers blood pressure and reduces stress. [paragraphs 4, 5]

7. How might a therapy animal be able to give better emotional and social support than a person?

The passage describes how animals don't ask anything of you and accept you unconditionally. That acceptance without asking anything in return can really put people at ease. A person also may not be as present as an animal in the moment when they are caring or listening to a patient, because they have other things on their mind, or they are trying to analyze the progress of the patient. [paragraph 6]

8. The question below is an incomplete sentence. Choose the word that best completes the sentence.

Jack became flustered in class _____ he handed his teacher a ticket and visited the therapy dog, Poet.

    A. yet

    B. so

    C. because

    D. but

Put the correct form of the word in brackets into the blank.

1. In the future the public will have a wider _choice_ of television programs. (CHOOSE)
2. Looking after the health of 700 children is heavy _responsibility_. (RESPONSIBLE)
3. The town spent more money on _housing_ and health than ever before (HOUSE)
4. Do you have any particular _preference_ where we sit? (PREFER)
5. There's a _striking_ contrast between what he does and what he says. (STRIKE)
6. The party turned out to be a huge _disappointment_ (DISAPPOINT)
7. He was fined and _disqualified_ for reckless driving (QUALIFY).
8. Is it possible to remove the smell from the books that have been in _storage_ for such a long time? (STORE)
9. Many people are interested in job _satisfaction_ more than in earning large amount of money (SATISFY).
10. I hadn't made a _reservation_, so I just got on the first flight available. (RESERVE)
11. The anti-doping association believes that all sports must be free of drug _abuse_ (USE).
12. The country is facing a population _explosion_. (EXPLODE)
13. It is _advisable_ to fasten your seat-belts before take-off (ADVISE)
14. She claimed _unemployment_ benefit for over six months. (EMPLOY)
15. Tax _evasion_ is one of the biggest problems that face the new country. (EVADE)
16. You can basically wear what you want but there is an _unwritten_ law that says you must not wear jeans. (WRITE)
17. The _management_ course is being paid for by the company. (MANAGE)
18. It's a _crying_ shame that she didn't have a better chance in life. (CRY)
19. The farm house we stayed in was completely off the _beaten_ track. (BEAT)
20. The police searched the house _systematically_. (SYSTEM)
21. He is a _highly_-paid senior executive. (HIGH)
22. A full-scale _reorganization_ of our company is urgently needed (ORGANIZE)
23. Are we going to be saved _economically_ by our oil supplies? (ECONOMY)
24. Experts have tried to find a _solution_ to the personnel problems. (SOLVE)
25. She's a specialist in psychology and human _behavior_. (BEHAVE)
26. The _blockade_ of the most important port of the country eliminated all trade. (BLOCK)
27. The _monetary_ system of some countries used to be based on gold. (MONEY)
28. He recovered from his injuries in the _naval_ hospital (NAVY)
29. He has loved her _passionately_ ever since they first met. (PASSION)
30. The importance of this _invention_ has been extremely overrated. (INVENT)
31. He is a convinced _follower_ of Chinese communism (FOLLOW)
32. Jane's party was more of an _endurance_ test than anything else. (ENDURE)
33. The government has committed itself to developing _renewable_ sources of energy. (NEW)
34. He took a job as a sales _assistant_ in a big department store. (ASSIST)
35. The potential benefits of this treatment _outweigh_ the risks. (WEIGH)
36. Make sure the hairdryer is _disconnected_ before you fix the switch. (CONNECT)
37. They say that travel _broadens_ the mind. (BROAD)
38. Without his teacher's _encouragement_ he would have given up long ago. (ENCOURAGE)
39. Dickens's last novel was _entitled_ The Mystery of Edwin Drood. (TITLE)

See if you can figure out what these tricky brain teasers are trying to say.

A Rest
You're

You're Under Arrest

S
 I
 T

Sit Down

Chair

High Chair

Sand

Sand Box

Mind
—————
Matter

Mind Over Matter

Hea   art

Broken Heart

|R|E|A|D|I|N|G|

Reading Between the Lines

I'M

I'm on top of the world

---

cycle   cycle
    cycle

Tricycle

RingRingRing rosey RingRingRing

Ring around the Rosey

---

lang4uage

Foreign Language

DANCE DANCE
DANCE DANCE

Square Dance

GRACE

Amazing Grace

TEMPERATURE

Rising Temperature

COLD
O
M
I
N
G

Coming down with a cold

Statistics

Please unscramble the words below. Hints are given if you need them!

Name: _____

#	Scramble	Answer	Hint
1.	game	range	The difference between the largest and smallest units
2.	taer	rate	2 related quantities in different units. For example, miles per hour
3.	mdinae	median	The "middle" value in a set of data.
4.	rtea fo hgenac	rate of change	The percentage change in value over time
5.	aoirt	ratio	A numerical comparison of 2 or more quantities
6.	rbpbaltiiyo	probability	The possibility of something happening
7.	pnoouptlia	population	The objects or individuals under observation in a study
8.	doem	mode	The most "popular" number in a set of data
9.	mnae	mean	The average
10.	nuit tare	unit rate	A rate reduced to a quantity of one
11.	siasttsitc	statistics	Collecting, organizing, and interpreting data
12.	aatd	data	A collection of facts or info
13.	eecnrtp	percent	Described as what part per hundred

Answer Key

Now that you have correctly unscrambled the vocabulary words, choose which vocab word fits the example. Please write the word in the blank space provided.

1. The most commonly used _statistic_ is finding the average.

2. The _range_ of this data set (3,4,5,6,7) is 4.

3. Any fraction flipped over is its _reciprocal_. When they are multiplied together the answer is always 1.

4. ¾ or .75 or 75 _percent_ are all equivalent.

5. For every 12 girls there are 13 boys is an example of a _ratio_.

6. _mean_ is another word for average.

7. Driving 480 miles in 8 hours is an example of a _rate_.

8. The _mode_ of this data set (11, 9, 13, 7, 7, 15) is 7.

9. The _probability_ of flipping tails on a penny is 50%.

10. The _data_ below are Mark's test scores for 5 math tests. (9,5,7,8,8)

11. If #7 was a _unit rate_ it would be 60 MPH.

12. A _population_ example could be everyone that lives in the US.

13. The _median/mean_ in this data set (2, 4, 6, 8, 10) is 6.

14. For every 3 spaces you move up, you move over 5 is an example of the _rate of change_.

Challenge! Now that you have solved and seen one example of each of the vocabulary words, can you come up with another, different example for each word? Write your examples on a separate sheet of paper.

Answer Key

Five Minute Multiplying Frenzy (A)

Name: _____   Date: _____

Multiply each row number by each column number.
(Range 2 to 12)

×	6	8	7	4	10	2	3	9	5	12
2	12	16	14	8	20	4	6	18	10	24
11	66	88	77	44	110	22	33	99	55	132
6	36	48	42	24	60	12	18	54	30	72
8	48	64	56	32	80	16	24	72	40	96
5	30	40	35	20	50	10	15	45	25	60
12	72	96	84	48	120	24	36	108	60	144
7	42	56	49	28	70	14	21	63	35	84
3	18	24	21	12	30	6	9	27	15	36
9	54	72	63	36	90	18	27	81	45	108
10	60	80	70	40	100	20	30	90	50	120

Time: _____   Score: _____ /100

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Answer Key

Reducing Fractions (A)
Instructions: Reduce each fraction to its lowest terms.

$\dfrac{2}{4} = \dfrac{1}{2}$ $\dfrac{35}{40} = \dfrac{7}{8}$ $\dfrac{10}{16} = \dfrac{5}{8}$ $\dfrac{8}{36} = \dfrac{2}{9}$

$\dfrac{18}{20} = \dfrac{9}{10}$ $\dfrac{4}{36} = \dfrac{1}{9}$ $\dfrac{6}{9} = \dfrac{2}{3}$ $\dfrac{2}{10} = \dfrac{1}{5}$

$\dfrac{3}{30} = \dfrac{1}{10}$ $\dfrac{44}{48} = \dfrac{11}{12}$ $\dfrac{5}{15} = \dfrac{1}{3}$ $\dfrac{10}{35} = \dfrac{2}{7}$

$\dfrac{10}{45} = \dfrac{2}{9}$ $\dfrac{6}{14} = \dfrac{3}{7}$ $\dfrac{28}{32} = \dfrac{7}{8}$ $\dfrac{20}{24} = \dfrac{5}{6}$

$\dfrac{5}{15} = \dfrac{1}{3}$ $\dfrac{4}{32} = \dfrac{1}{8}$ $\dfrac{30}{35} = \dfrac{6}{7}$ $\dfrac{3}{6} = \dfrac{1}{2}$

$\dfrac{14}{24} = \dfrac{7}{12}$ $\dfrac{18}{20} = \dfrac{9}{10}$ $\dfrac{14}{18} = \dfrac{7}{9}$ $\dfrac{5}{35} = \dfrac{1}{7}$

$\dfrac{4}{40} = \dfrac{1}{10}$ $\dfrac{35}{50} = \dfrac{7}{10}$ $\dfrac{2}{18} = \dfrac{1}{9}$ $\dfrac{2}{4} = \dfrac{1}{2}$

$\dfrac{2}{6} = \dfrac{1}{3}$ $\dfrac{2}{14} = \dfrac{1}{7}$ $\dfrac{28}{40} = \dfrac{7}{10}$ $\dfrac{4}{28} = \dfrac{1}{7}$

$\dfrac{45}{50} = \dfrac{9}{10}$ $\dfrac{12}{28} = \dfrac{3}{7}$ $\dfrac{12}{40} = \dfrac{3}{10}$ $\dfrac{25}{60} = \dfrac{5}{12}$
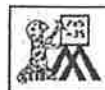
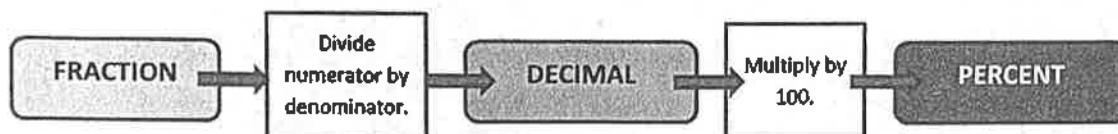More Free Math Worksheets at Math-Drills.Com

Answer Key

Name   Date

FRACTIONS TO DECIMALS & PERCENTS SHEET 1

FRACTION → Divide numerator by denominator. → DECIMAL → Multiply by 100. → PERCENT

FRACTION	DECIMAL	PERCENT
½	0.5	50 %
¾	0.75	75 %
2/5	0.4	40 %
1/8	0.125	12.5 %
7/8	0.875	87.5 %
¼	0.25	25 %
7/10	0.7	70 %
3/10	0.3	30 %
1/3	$0.\overline{3}$	$33\frac{1}{3}$ %
5/6	$0.8\overline{3}$	$83\frac{1}{3}$ %
2/9	$0.\overline{2}$	$22.\overline{2}$ %
5/4	1.25	125 %
3/16	0.1875	18.75 %
8/5	1.6	160 %
7/50	0.14	14 %

Answer Key

Converting Fractions (E)

Name: _____   Date: _____

Fill in the missing values. Use part-to-whole ratios.

	Fraction	Decimal	Percent	Ratio
1.	$\frac{3}{4}$	0.75	75%	3 : 4
2.	$\frac{7}{8}$	0.875	87.5%	7 : 8
3.	$\frac{1}{4}$	0.25	25%	1 : 4
4.	$\frac{1}{2}$	0.5	50%	1 : 2
5.	$\frac{17}{20}$	0.85	85%	17 : 20
6.	$\frac{2}{5}$	0.4	40%	2 : 5
7.	$\frac{3}{10}$	0.3	30%	3 : 10
8.	$\frac{7}{10}$	0.7	70%	7 : 10
9.	$\frac{3}{5}$	0.6	60%	3 : 5
10.	$\frac{1}{8}$	0.125	12.5%	1 : 8

Mean, Mode, Median, and Range

1) 3, 9, 4, 2, 2, 8, 8, 6, 8, 8, 8, 6
   2, 2, 3, 4, 6, 6, 8, 8, 8, 8, 8, 9

Mean _6_   Median _7_   Mode _8_____   Range _7_

6) 9, 8, 3, 9, 9, 1, 3, 1, 5, 2
   1, 1, 2, 3, 3, 5, 8, 9, 9, 9

Mean _5_   Median _4_   Mode _9_____   Range _8_

2) 3, 7, 7, 5, 9, 2, 8, 5, 6, 7, 7
   2, 3, 5, 5, 6, 7, 7, 7, 7, 8, 9

Mean _6_   Median _7_   Mode _7_____   Range _7_

7) 8, 9, 8, 4, 7, 2, 3, 3, 4, 2
   2, 2, 3, 3, 4, 4, 7, 8, 8, 9

Mean _5_   Median _4_   Mode _2, 3, 4, 8_   Range _7_

3) 7, 3, 5, 7, 3, 9, 5, 9
   3, 3, 5, 5, 7, 7, 9, 9

Mean _6_   Median _6_   Mode _3, 5, 7, 9_   Range _6_

8) 3, 3, 2, 8, 3, 6, 3, 3, 5, 2, 6
   2, 2, 3, 3, 3, 3, 3, 5, 6, 6, 8

Mean _4_   Median _3_   Mode _3_____   Range _6_

4) 8, 3, 5, 6, 3, 7, 8, 7, 8, 9, 3, 5
   3, 3, 3, 5, 5, 6, 7, 7, 8, 8, 8, 9

Mean _6_   Median _6.5_ Mode _3, 8_   Range _6_

9) 2, 8, 7, 3, 2, 6, 7
   2, 2, 3, 6, 7, 7, 8

Mean _5_   Median _6_   Mode _2, 7_____   Range _6_

5) 8, 7, 4, 2, 8, 3, 8, 9, 5
   2, 3, 4, 5, 7, 8, 8, 8, 9

Mean _6_   Median _7_   Mode _8_____   Range _7_

10) 5, 7, 3, 2, 6, 9, 3
   2, 3, 3, 5, 6, 7, 9

Mean _5_   Median _5_   Mode _3_____   Range _7_

Mean, Mode, Median, and Range

1) 6, 12, 12, 11, 9
    6, 9, 11, 12, 12

Mean _10_ Median _11_ Mode _12_____ Range _6_

2) 18, 20, 6, 14, 8, 7, 8, 7
    6, 7, 7, 8, 8, 14, 18, 20

Mean _11_ Median _8_ Mode _7, 8_____ Range _14_

3) 8, 7, 12, 19, 6, 20
    6, 7, 8, 12, 19, 20

Mean _12_ Median _10_ Mode _None_____ Range _14_

4) 8, 9, 20, 9, 10, 17, 18, 12, 14
    8, 9, 9, 10, 12, 14, 17, 18, 20

Mean _13_ Median _12_ Mode _9_____ Range _12_

5) 15, 20, 19, 11, 20, 7, 20
    7, 11, 15, 19, 20, 20, 20

Mean _16_ Median _19_ Mode _20_____ Range _13_

6) 9, 15, 17, 15, 14, 8, 11, 13, 15, 13
    8, 9, 11, 13, 13, 14, 15, 15, 15, 17

Mean _13_ Median _13.5_ Mode _15_____ Range _9_

7) 8, 19, 19, 8, 20, 9, 9, 18, 16
    8, 8, 9, 9, 16, 18, 19, 19, 20

Mean _14_ Median _16_ Mode _8, 9, 19_____ Range _12_

8) 19, 9, 13, 12, 16, 15, 12, 16
    9, 12, 12, 13, 15, 16, 16, 19

Mean _14_ Median _14_ Mode _12, 16_____ Range _10_

9) 11, 12, 19, 6, 10, 16, 10
    6, 10, 10, 11, 12, 16, 19

Mean _12_ Median _11_ Mode _10_____ Range _13_

10) 8, 15, 10, 20, 21, 16
     8, 10, 15, 16, 20, 21

Mean _15_ Median _15.5_ Mode _None_____ Range _13_

Mean, Mode, Median, and Range

1) 25, 93, 81, 80, 52, 11, 57, 37, 14
    11, 14, 25, 37, 52, 57, 80, 81, 93

Mean _50_   Median _52_   Mode _None_   Range _82_

6) 99, 67, 52, 40, 15, 61, 85, 60, 92, 89
    15, 40, 52, 60, 61, 67, 85, 89, 92, 99

Mean _66_   Median _64_   Mode _None_   Range _84_

2) 23, 80, 73, 19, 47, 92, 93, 57, 44, 82
    19, 23, 44, 47, 57, 73, 80, 82, 92, 93

Mean _61_   Median _65_   Mode _None_   Range _74_

7) 70, 36, 20, 97, 32
    20, 32, 36, 70, 97

Mean _51_   Median _36_   Mode _None_   Range _77_

3) 62, 76, 40, 84, 52, 25, 20, 89
    20, 25, 40, 52, 62, 76, 84, 89

Mean _56_   Median _57_   Mode _None_   Range _69_

8) 50, 85, 79, 54, 59, 22, 99
    22, 50, 54, 59, 79, 85, 99

Mean _64_   Median _59_   Mode _None_   Range _77_

4) 91, 14, 28, 94, 13, 18
    13, 14, 18, 28, 91, 94

Mean _43_   Median _23_   Mode _None_   Range _81_

9) 22, 22, 98, 54, 22, 25, 17, 52, 84
    17, 22, 22, 22, 25, 52, 54, 84, 98

Mean _44_   Median _25_   Mode _22_   Range _81_

5) 53, 35, 20, 78, 69
    20, 35, 53, 69, 78

Mean _51_   Median _53_   Mode _None_   Range _58_

10) 15, 20, 76, 34, 18, 30, 16, 87
     15, 16, 18, 20, 30, 34, 76, 87

Mean _37_   Median _25_   Mode _None_   Range _72_

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Word Search

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U R Q H S A L A U E A S E O I T A R Z E Q U R
V C V M M T B N I A T R E C L E U M Q P O S I
O B B H L V A Z Y B Y J U I H T S D E T A R H
Q X I Z Y D N T S N D P I N D S U A G P Q N R
Q U A L F K A N I R O M F L T T Q N X R G Y
I H Q A R J I X S S V K W J I G R A K H M Q
H G Z E Q F D B H G P P X W K K N R F Z E G
F E E X W I E C S G R I K R Z O E E U W U A D
O V Z V I D R M R X G C B A C R L L Z X N Q
L R A T E O F C H A N G E S Y Y N W Y Y L N X
Q X J E E L B I S S O P M L O S R T D W R U X
S Y T I L I B A B O R P P F S K R H T A K L F
M E L U I C R E T A R T I N U Y H W X X T O A
W T F T N E C R E P I F V R Q L O R Y Z Z A U
K Y M Z P O P U L A T I O N Q S G X S I V T X
I A B H O T K Y L B U Y A Q O M O D E U C A C
```

Find the following words in the puzzle.
Words are hidden ↑ ↓ → ← and ↘ .

CERTAIN   MODE   RATEOFCHANGE
DATA   PERCENT   RATIO
IMPOSSIBLE   POPULATION   STATISTICS
LIKELY   PROBABILITY   UNITRATE
MEAN   RANGE   UNLIKELY
MEDIAN   RATE

Answer Key

Solution B-2

Level: You can handle it.

How to play:

Each row (across) must contain the numbers 1 through 9.
Each column (up and down) must contain the numbers 1 through 9.
Each square box must contain the numbers 1 through 9.

4	6	8	9	3	5	7	2	1
5	7	9	1	2	8	3	4	6
1	3	2	6	7	4	8	9	5
2	1	5	8	4	6	9	3	7
3	9	7	2	5	1	6	8	4
6	8	4	3	9	7	5	1	2
9	2	1	5	6	3	4	7	8
8	4	6	7	1	9	2	5	3
7	5	3	4	8	2	1	6	9