

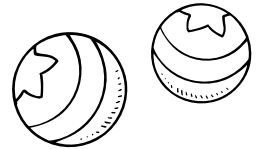
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# Juggling Vowels

Make 3 words in each row by adding 3 different pairs of vowels between the beginning and ending consonants shown. The same vowel **may** be used more than once per word.

Examples: b \_ \_ t → beat, beet, boot, boat, bout



**A** **E** **I** **O** **U**

s \_ \_ l

s \_ \_ l

s \_ \_ l

f \_ \_ l

f \_ \_ l

f \_ \_ l

l \_ \_ n

l \_ \_ n

l \_ \_ n

p \_ \_ r

p \_ \_ r

p \_ \_ r

m \_ \_ n

m \_ \_ n

m \_ \_ n

d \_ \_ d

d \_ \_ d

d \_ \_ d

t \_ \_ r

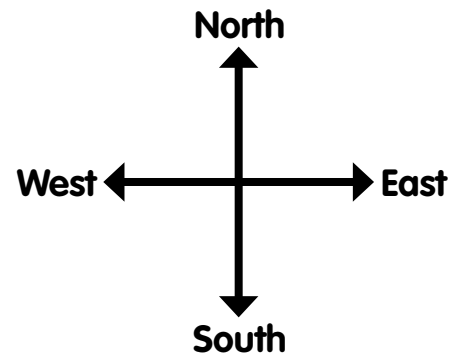
t \_ \_ r

t \_ \_ r

# What's the Sum?

Begin each problem at the ★ square. Follow the directions and write down the number where you land. At the end of each pair of directions, add and write the sum on the line. The first number is shown.

200		603				700		299
	222			399			888	
333	187		666		709			400
	545	389		650		902		377
799		800		★	119		444	
	180		775		599			600
		199		356		175		209
188	207				215			898
		654		105			295	



(1) N4, E4, S2 = **400**  
 S3, E1, N3 = \_\_\_\_\_  
 Add → \_\_\_\_\_

(2) N3, W4, S1 = \_\_\_\_\_  
 W4, S2, E2 = \_\_\_\_\_  
 Add → \_\_\_\_\_

(3) N2, S6, N2 = \_\_\_\_\_  
 E2, S3, W5 = \_\_\_\_\_  
 Add → \_\_\_\_\_

(4) S1, E2, N5 = \_\_\_\_\_  
 N3, E3, S3 = \_\_\_\_\_  
 Add → \_\_\_\_\_

(5) S1, E2, N2 = \_\_\_\_\_  
 W4, S1, E5 = \_\_\_\_\_  
 Add → \_\_\_\_\_

(6) N2, W1, S3 = \_\_\_\_\_  
 S2, E4, N3 = \_\_\_\_\_  
 Add → \_\_\_\_\_

(7) S3, W2, S1 = \_\_\_\_\_  
 E4, N1, W6 = \_\_\_\_\_  
 Add → \_\_\_\_\_

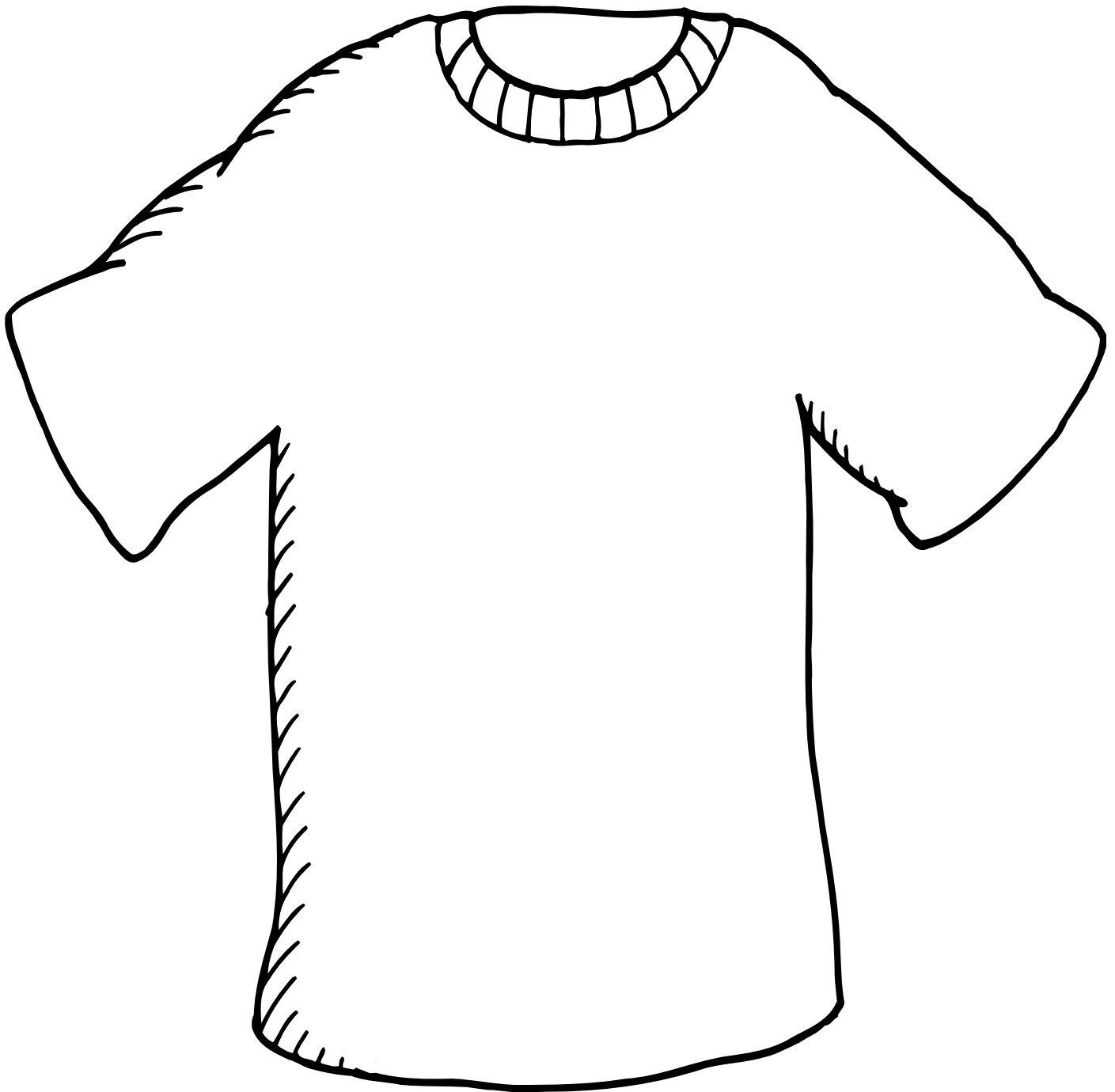
(8) N3, W2, N1 = \_\_\_\_\_  
 W4, S2, E2 = \_\_\_\_\_  
 Add → \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Design a T-Shirt

Design a T-shirt featuring your own original artwork. Draw in the details and color them in.



# Answer Key

## Word Maker #1 (Page 5)

Possible answers include:

aide	pin
ail	rice
aims	ripen
caper	steer
cares	stem
creep	term
crest	tier
mean	treats
other	tress

## Word Maker #2 (Page 6)

Possible answers include:

bend	scant
builder	sobs
bunt	sock
cone	stub
cost	taps
done	tinder
past	want
pints	windy
red	wonder

## Word Maker #3 (Page 7)

Possible answers include:

arose	rote
art	sewn
dart	tinder
dinner	torn
faint	torte
matter	totes
new	water
pin	wind
rend	wires

## Word Maker #4 (Page 8)

Possible answers include:

anger	lies
angles	notary
bit	poor
brisk	pour
city	risk
flies	send
gale	sunken
genes	toys
gnat	tries

## Triplets (Page 9)

Possible answers include:

- |        |        |
|--------|--------|
| 1. tar | 4. tab |
| 2. sit | 5. are |
| 3. bet | 6. sea |

- |         |         |
|---------|---------|
| 7. bit  | 14. set |
| 8. met  | 15. sat |
| 9. bat  | 16. mar |
| 10. eat | 17. rim |
| 11. ate | 18. ram |
| 12. era | 19. ear |
| 13. tea | 20. arm |

## Juggling Vowels (Page 10)

Possible answers include:

soul, soil, seal, sail,  
fool, foul, feel, foal, fail  
loon, loan, lean, lion  
peer, pear, pour, pair, poor  
mean, moan, moon  
deed, dead, died  
tear, tier, tour

## Rhyme Time (Page 11)

Possible answers include:

1. snore & store
2. roast & toast
3. moans & tones
4. dream & steam
5. these & trees
6. smart & start
7. share & snare
8. smear & steer
9. smash & trash
10. shade & trade

## Fill 'er Up (Page 12)

Possible answers include:

p\_\_t → paint, pellet, print, plant,  
parrot, point, pocket, priest, pamphlet

t\_\_t → ticket, throat, trout, thicket,  
thought, tenant, talent, tablet, tryout

d\_\_r → digger, despair, doctor,  
dipper, diameter, deliver, donor,  
drummer, divisor, danger

s\_\_d → stood, steed, stayed,  
scooted, shaped, screwed, salad,  
strand, scaffold, spend

## Code Breaker #1 (Page 13)

A nail in a horseshoe.

## Code Breaker #2 (Page 14)

Because it is too far to walk.

## Code Breaker #3 (Page 15)

Time to get a new fence.

## Skateboarding Fun (Page 16)

Possible answers include:

3-letter words:

boa, sat, bad, rob, fin, bin, get, fat,  
not, eat

4-letter words:

fate, boar, take, date, sofa, barn, beat,  
boat, bask, drab

5-letter words:

broad, roads, dates, frost, forks, sting,  
steak, darts, break, funds

6 or more letters:

skater, boards, brakes, breaks, fortune,  
surgeon, surfing, frosting, forest

## Rock Climbing Adventure (Page 17)

Possible answers include:

3-letter words:

tin, ink, kin, kit, mob, tan, ten, rib, got,  
cub

4-letter words:

term, ring, grim, vent, germ, mint, grin,  
vote, tick, cork

5-letter words:

trick, climb, curve, cover, cured, nerve,  
never, evict, truck, given

6 or more letters:

crumble, tricking, buckle, blocked,  
combined, climbed, mockingbird,  
becoming, convertible, verdict

## State Stumper Crossword (Page 18)

Across

5. New York
6. Oregon
7. Alaska
8. California
11. Florida

Down

1. Virginia
2. Georgia
3. Kansas
4. Vermont
9. Indiana
10. Maine

## Spelling Stumper Crossword (Page 19)

Across

3. butterfly
5. shrimp
8. rattlesnake
10. donkey
11. dragonfly

Down

1. gerbil
2. elephant
3. buffalo
4. parakeet
6. hamster
7. camel
9. turkey

### Weather Word Search (Page 20)

WEARTEHRTHUSQSUIZFOT  
 OTSORFFLIERSUNABISTD  
 NOMOSORLOOUTQOFLCARR  
 LIHNTGOYMBDNIMWCLAWEO  
 RAILFIBLIZSNOQUATSUU  
 NAIBMITORZZDROULLCG  
 RAIVLERNOOSNOMUQLHAH  
 HURRICANE COMONSOSLEET  
 MOOPZLASOTJYGLQTAUC  
 ENTEZRTAIONMELNUTTTO  
 NCLCAMITORHAFIOPWWE  
 IOAKRTDUALLPNGCSRALF  
 OIUULDDEELLOINYHIZEVUI  
 PNQMNLODANROTTATZEVW  
 EYUONHWAQZZRINRETPOE  
 RTZIEGPWOLBBMIEDETYD  
 WRAPAPVELFREEDNUHTCFR  
 AR1ELZESFORTNGREETYM  
 SCLEANMERCCTBWXQUIOPZ  
 QUALTYERWDEIOPLRAIHN

### Get a Job Word Search (Page 21)

PLANDARCHPOLRETROPER  
 OSOLDASTRONAUTASTLIN  
 LOTECHNICIANMENCVHIE  
 IXERTYLCRUIGHS TREESW  
 TEATLAWKERWEYR PUMNBE  
 ICTRWCATORREBMLPXEO  
 CEYEEMSPTODOCNTYRNLO  
 IUULAITUITETJQUEASATG  
 AIHPNTNGHUCRUMERETIRW  
 NPJRHRTDOCOXDZERQICEE  
 HLAEEESMETDLGASUMCIHA  
 IACPFLSCANAEMIECKRPT  
 UREA TEACHERKCLAITAY  
 KERC CDWLOVSAHRAHPCRB  
 LETSWOIJSEIAWALMEEGE  
 ONUDOMTTERNTTEKIRLOP  
 BIINLARCHITECTECSEITI  
 RGAAINHOC KRAMELHTPOL  
 ENSLPRETNEPRACLEEAHO  
 NEQUETSIGOLOEAHCRAPT

### Word Chain #1 (Page 22)

Answers will vary.

### Word Chain #2 (Page 23)

Answers will vary.

### Addition Pathways (Page 24)

Top → 1 + 10 + 11 + 5 + 16 + 40  
 + 14 + 8 = 105

Middle → 2 + 8 + 12 + 3 + 13 + 21  
 + 16 + 14 = 89

Bottom → 5 + 6 + 17 + 27 + 3 + 31  
 + 4 + 8 = 101

### Subtraction Pathways (Page 25)

Top → 100 - 24 - 16 - 2 - 17 - 12  
 - 15 - 13 = 1

Middle → 99 - 8 - 20 - 12 - 29  
 - 11 - 10 - 4 = 5

Bottom → 101 - 3 - 5 - 33 - 21 - 9  
 - 15 - 13 = 2

### What's the Sum? (Page 26)

- 400 + 119 = 519
- 333 + 199 = 532
- 356 + 207 = 563
- 700 + 444 = 1,144
- 902 + 599 = 1,501
- 775 + 377 = 1,152
- 654 + 389 = 1,043
- 603 + 199 = 802

### What's the Difference? (Page 27)

- 700 - 287 = 413
- 399 - 111 = 288
- 200 - 179 = 21
- 300 - 155 = 145
- 800 - 672 = 128
- 600 - 299 = 301
- 400 - 333 = 67
- 900 - 666 = 234

### Tricky Subtraction (Page 28)

- 211 - 176 = 35
- 674 - 107 = 567
- 896 - 409 = 487
- 765 - 299 = 466
- 391 - 255 = 136
- 301 - 153 = 148
- 864 - 211 = 653
- 964 - 466 = 498

### Math Mysteries (Page 29)

- SUBTRACT 957 - 386 = 571
- ADD 843 + 659 = 1,502
- MULTIPLY 966 × 40 = 38,640
- DIVIDE 975 ÷ 13 = 75
- ADD 188 + 966 = 1,154
- MULTIPLY 30 × 54 = 1,620

### Math Path #1 (Page 30)

End: 1,113

### Math Path #2 (Page 31)

- 270
- 1,240
- 954
- 1,888
- 2,509

### Number Puzzle #1 (Page 32)

- 9 + 41 + 18 + 27 + 11 + 8 + 68 = 182
- 68 × 65 = 4,420
- 87 × 70 = 6,090
- Circle: 9 + 41 + 18 + 27 + 11 + 8 + 68 + 15 + 65 = 262  
 Pentagon: 15 + 65 + 87 + 70 = 237  
 Difference: 262 - 237 = 25
- Square has a sum of 146
- 52 × 87 = 4,524

### Number Puzzle #2 (Page 33)

- 37
- 12
- 30
- 13
- 10
- 15
- 7
- 77
- 64
- 55

### It All Adds Up #1 (Page 34)

5	1	2	4	3	6
3	4	6	5	2	1
6	2	3	1	4	5
4	5	1	2	6	3
1	6	4	3	5	2
2	3	5	6	1	4

### It All Adds Up #2 (Page 35)

2	1	3	4	5	6
3	5	2	6	1	4
4	6	5	1	2	3
1	2	4	3	6	5
6	3	1	5	4	2
5	4	6	2	3	1