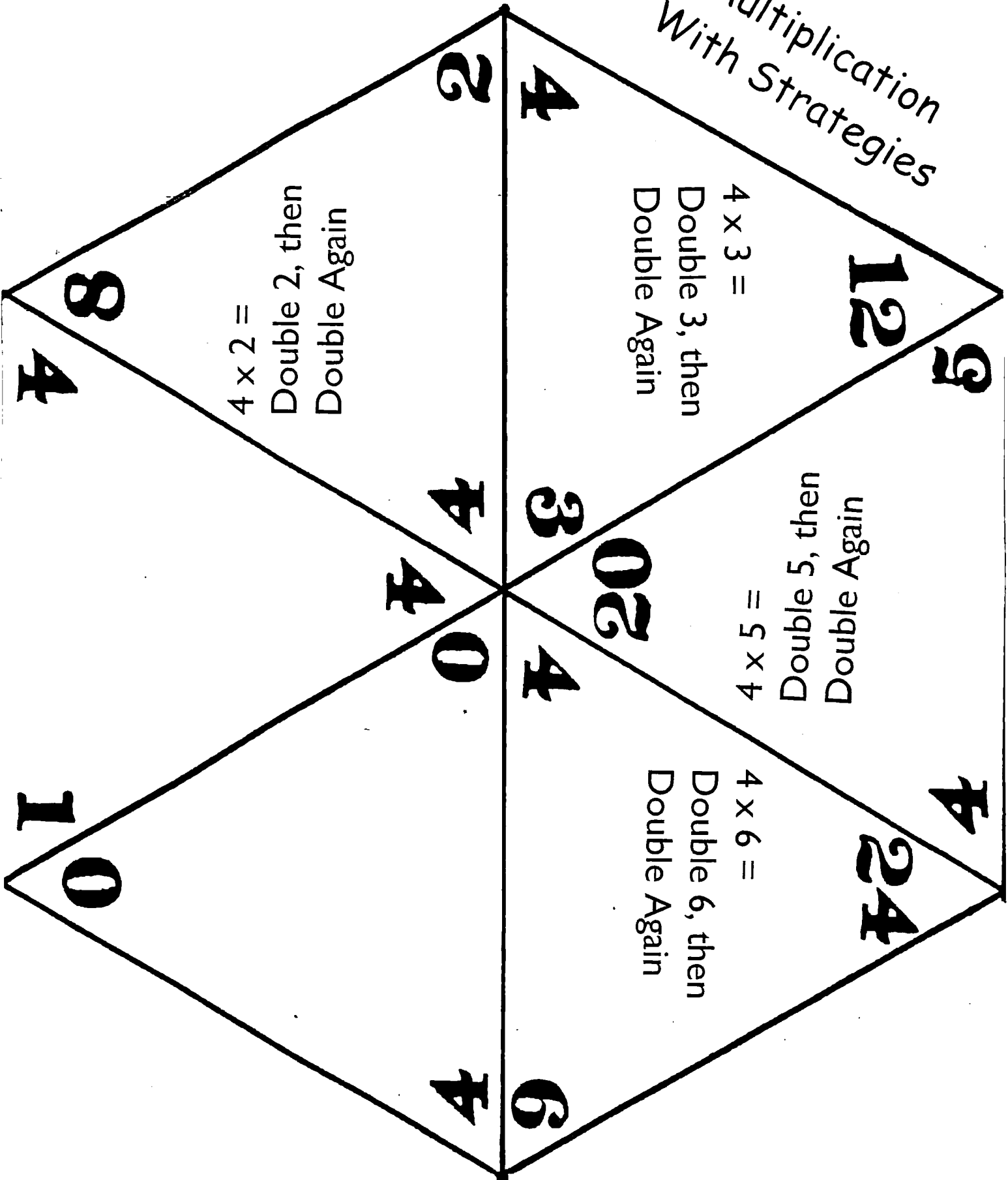
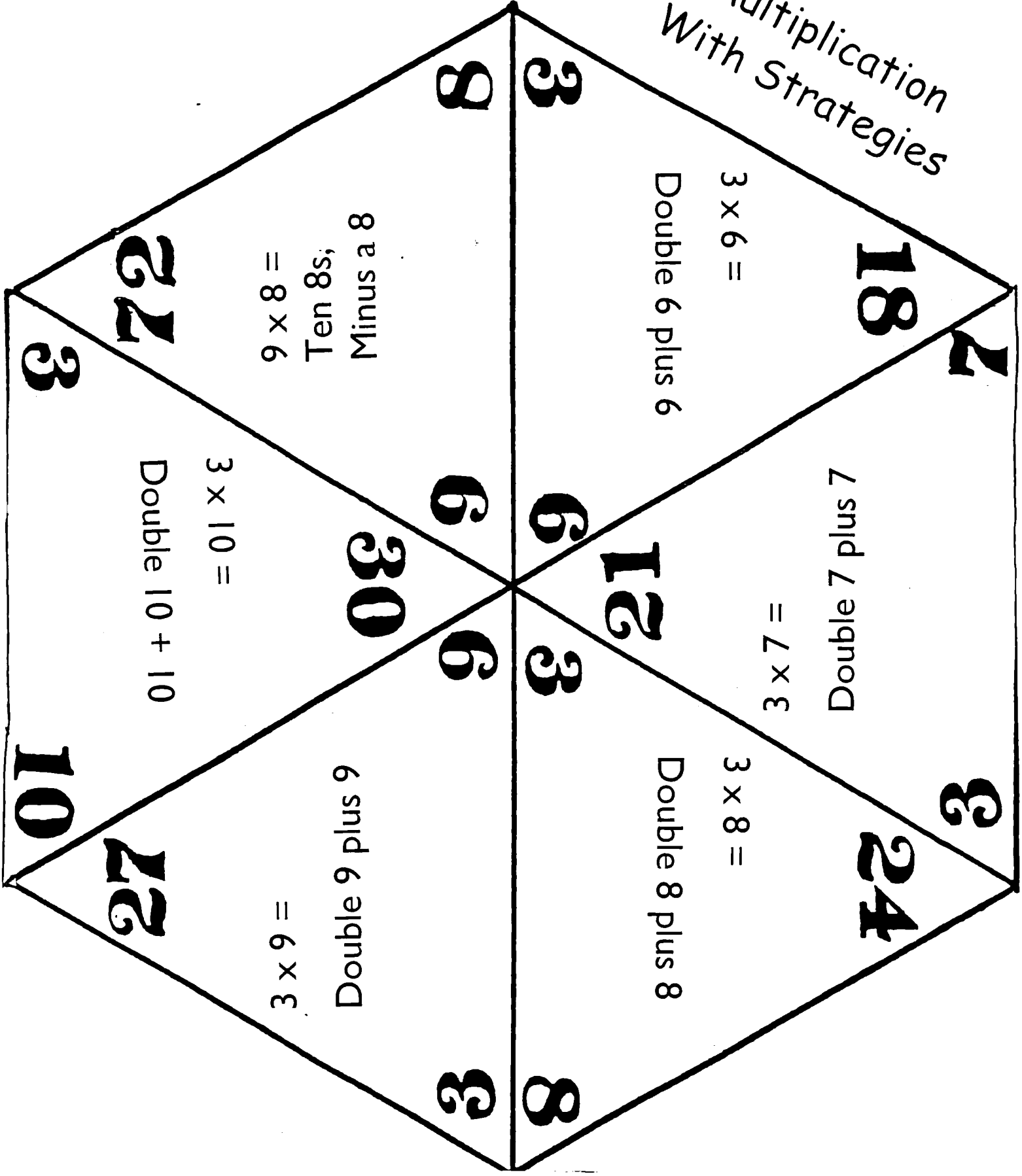


Multiplication With Strategies



Multiplication With Strategies



27
3

$9 \times 8 =$
Ten 8s;
Minus a 8

$3 \times 10 =$
Double 10 + 10

27
10

$3 \times 9 =$
Double 9 plus 9

$3 \times 6 =$
Double 6 plus 6

$3 \times 7 =$
Double 7 plus 7

$3 \times 8 =$
Double 8 plus 8

30

12

18

24

3
8

6
6
3
6

3
8

7

3

Multiplication With Strategies

36

9

9 x 4 =
Ten 4s,
Minus a 4

9
5

Double 5 plus 5

= 5 x 5

91

3

5

Ten 5s,
Minus a 5
= 5 x 6

94

4

3

12

3

3

3 x 4 =
Double 4 plus 4

6

6

3 x 2 =

Double 2 plus 2

3

Double 3 plus 3

= 3 x 3

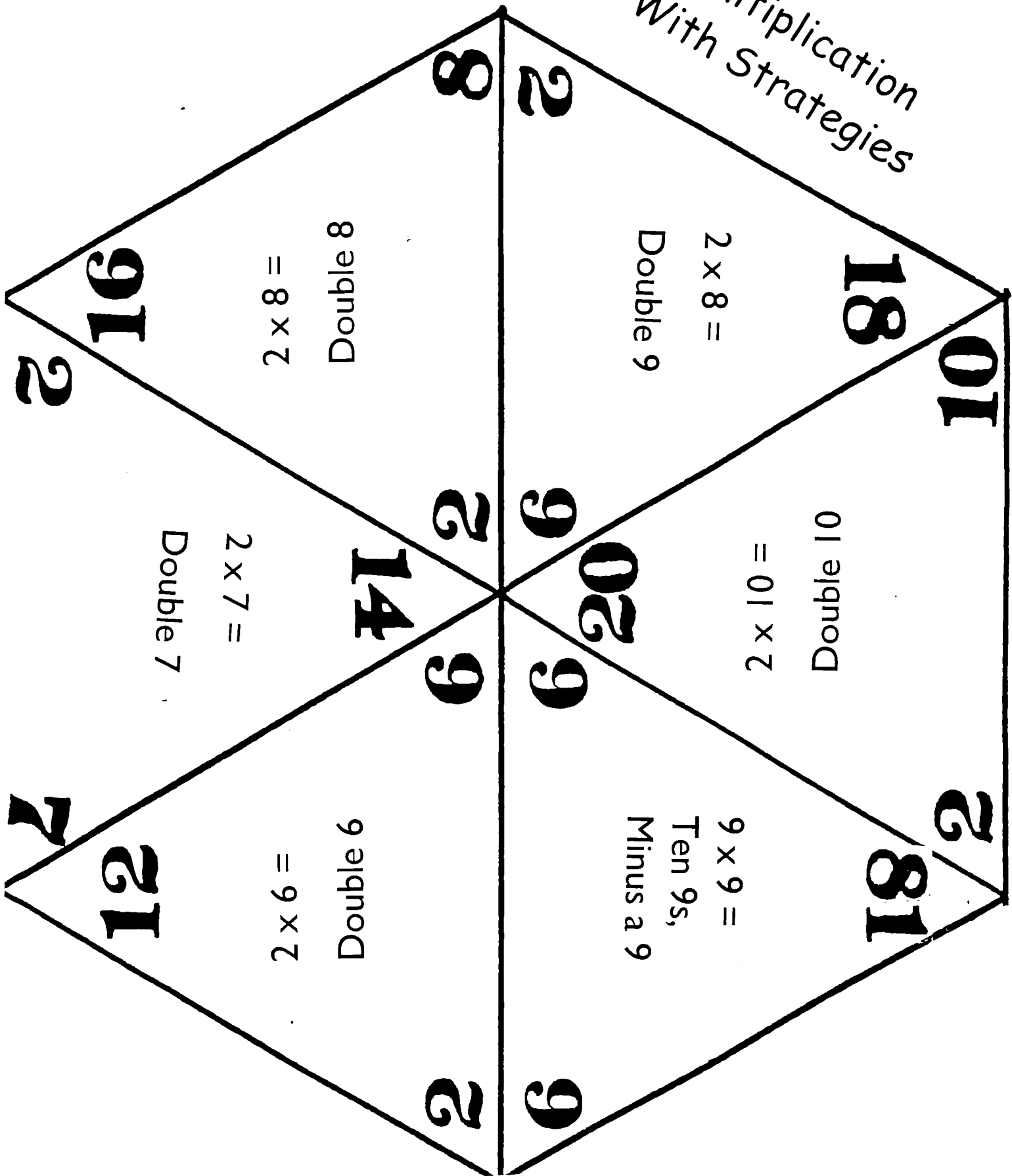
6

4

3

2

Multiplication With Strategies



Multiplication
With Strategies

9 x 6 =
Ten 6s,
Minus a 6

1
54

Double 5
= 5 x 2

01

2

2 x 2 =
Double 2

2
4

Double 3
= 3 x 2

9

4

2
2

6
2
2

2 x 4 =
Double 4

2
8
3

Multiplication
With Strategies

$9 \times 3 =$
Ten 3s,
Minus a 3

27

9

38

8

1

91

07

$9 \times 2 =$
Ten 2s,
Minus a 2

18

0

91

9

7

29

7

Multiplication
With Strategies

16

$4 \times 4 =$
Double 4, then
Double Again

10

Double 10, then
Double Again
 $= 10 \times 4$

40

$9 \times 7 =$
Ten 7s,
Minus a 7

4

63

4

4

9

7

6

4

2

4

32

Double 7, then
Double Again
 $= 7 \times 4$

Double 9, then
Double Again
 $= 9 \times 4$

96

$4 \times 8 =$
Double 8, then
Double Again

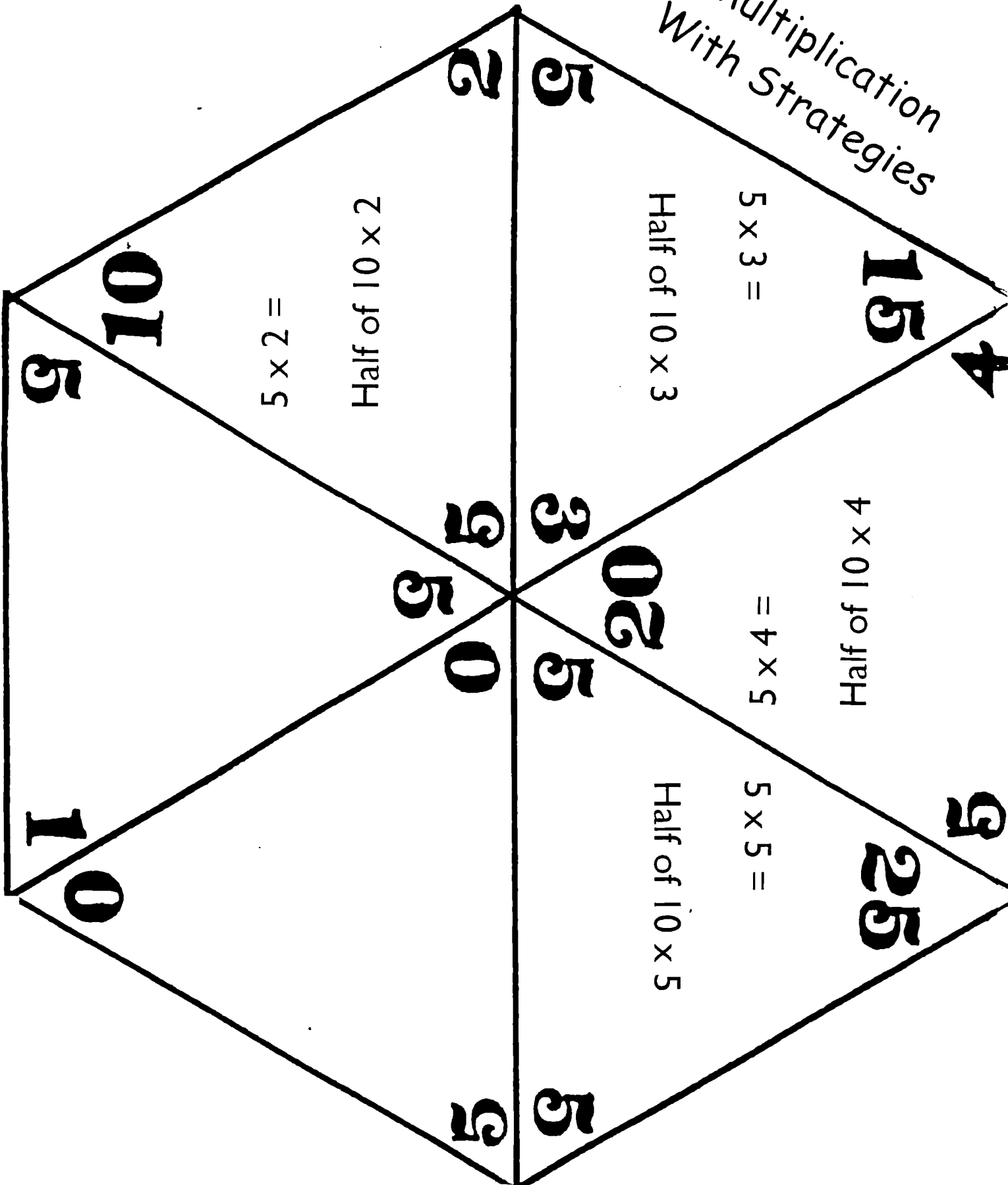
8

82

4



Multiplication
With Strategies



$5 \times 2 =$

Half of 10×2

$5 \times 3 =$

Half of 10×3

$5 \times 4 =$

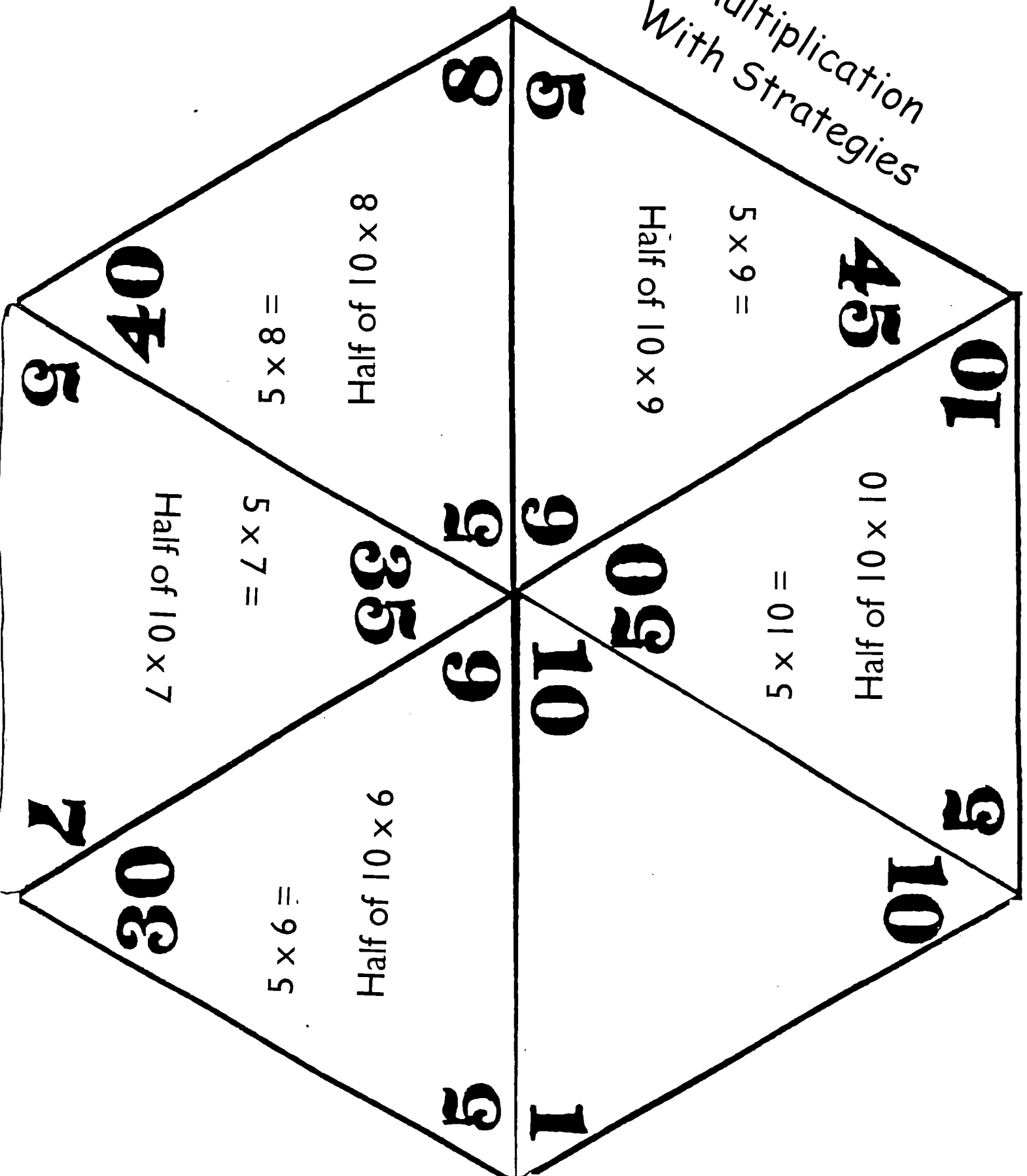
Half of 10×4

$5 \times 5 =$

Half of 10×5

5
3
5
0
5
5

Multiplication
With Strategies



$5 \times 8 = 40$

Half of 10×8

$5 \times 9 = 45$

Half of 10×9

$5 \times 7 = 35$

Half of 10×7

$5 \times 10 = 50$

Half of 10×10

$5 \times 6 = 30$

Half of 10×6

$5 \times 5 = 25$

Half of 10×5

Multiplication With Strategies

48

$6 \times 8 =$
 5×8 , then add
another 8

6

6
7

$6 \times 7 =$
 5×7 , then add
another 7

42

7

$6 \times 9 =$
 5×9 , then add
another 9

9

54

$6 \times 9 =$
 5×9 , then add
another 9

8

9

49

$7 \times 7 =$
Five 7s, plus
a double 7

60

$6 \times 10 =$
 5×10 , then add
another 10

6

9

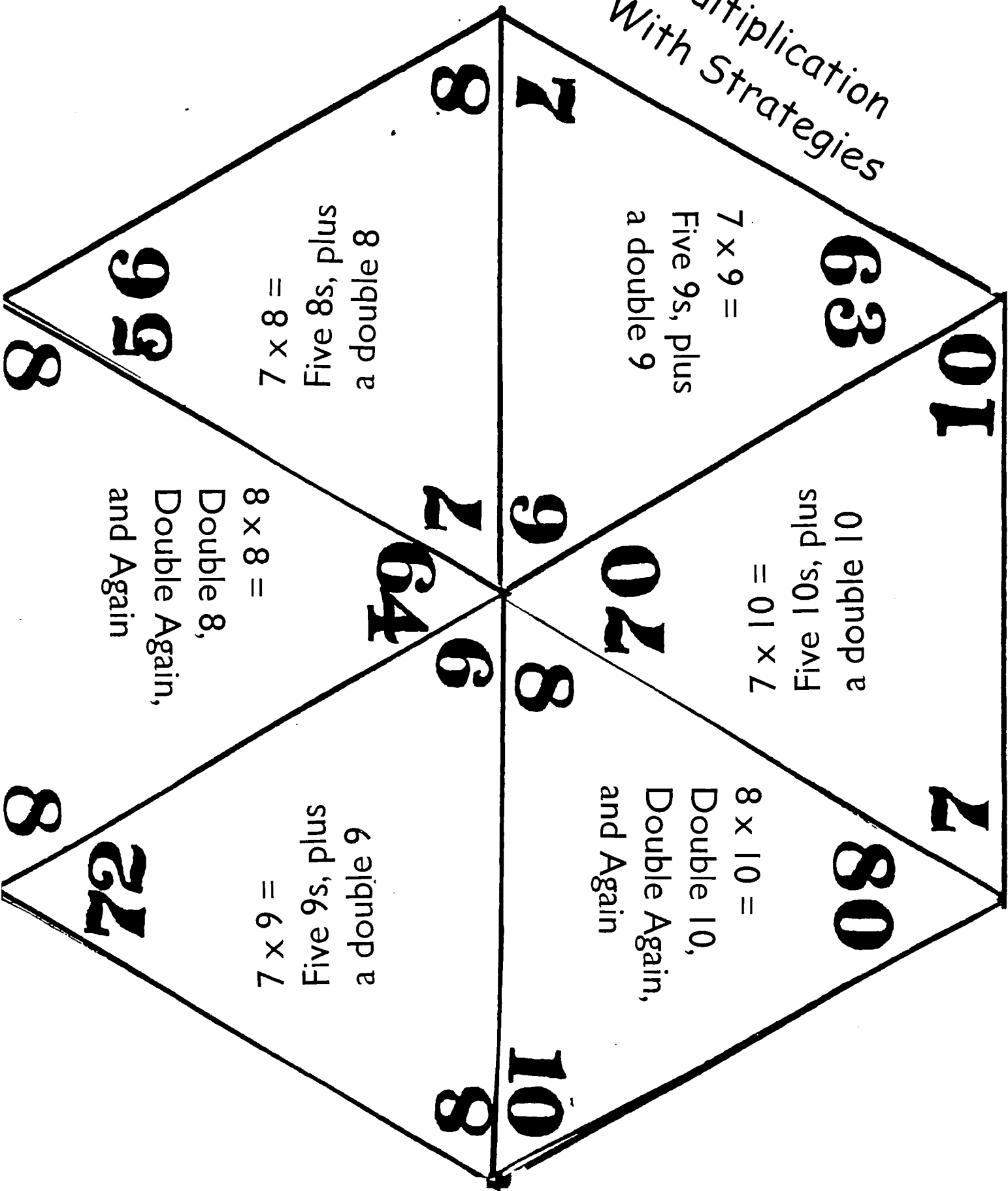
$6 \times 6 =$
 5×6 , then add
another 6

36

7

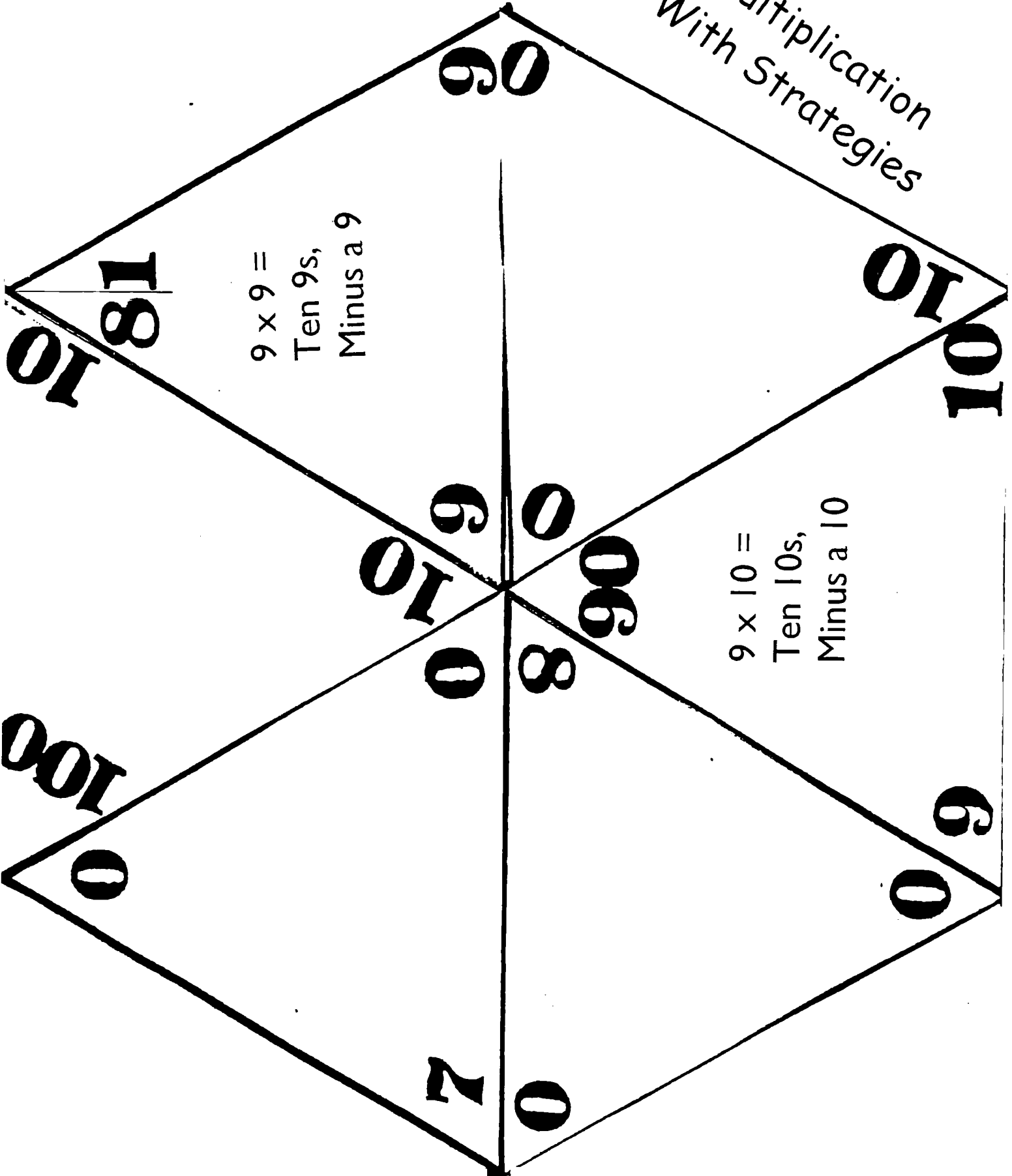
9
10

Multiplication With Strategies



Multiplication
With Strategies

$9 \times 9 =$
Ten 9s,
Minus a 9



$9 \times 10 =$
Ten 10s,
Minus a 10

81

90

10

10

90

0

90

0

8

100

0

9

9

0