

Springdale Number Facts – Composition of 5

Red A

$$0 + 5$$

$$1 + 4$$

$$2 + 3$$

$$4 + 1$$

$$5 + 0$$

Springdale Number Facts – 5 and a bit

Red B

$$5 + 1$$

$$5 + 2$$

$$5 + 3$$

$$5 + 4$$

Springdale Number Facts – Doubles (up to 10)

Red C

$$1 + 1$$

$$2 + 2$$

$$3 + 3$$

$$4 + 4$$

$$5 + 5$$

$$0 + 0$$

Springdale Number Facts – Adding 0

Red D

$0 + 0$

$0 + 1$

$0 + 2$

$0 + 3$

$0 + 4$

$0 + 5$

$0 + 6$

$0 + 7$

$0 + 8$

$0 + 9$

Springdale Number Facts – Adding 0

Red E

$0 + 0$

$1 + 0$

$2 + 0$

$3 + 0$

$4 + 0$

$5 + 0$

$6 + 0$

$7 + 0$

$8 + 0$

$9 + 0$

Springdale Number Facts – Composition of 6

Scarlet A

$0 + 6$

$1 + 5$

$2 + 4$

$3 + 3$

$4 + 2$

$5 + 1$

$6 + 0$

Springdale Number Facts – Composition of 8

Scarlet B

$0 + 8$

$1 + 7$

$2 + 6$

$3 + 5$

$4 + 4$

$5 + 3$

$6 + 2$

$7 + 1$

$8 + 0$

Springdale Number Facts – Bonds to 10

Scarlet C

$0 + 10$

$1 + 9$

$2 + 8$

$3 + 7$

$4 + 6$

$5 + 5$

$6 + 4$

$7 + 3$

$8 + 2$

$9 + 1$

$10 + 0$

Springdale Number Facts – Composition of 7

Orange A

$0 + 7$

$1 + 6$

$2 + 5$

$3 + 4$

$4 + 3$

$5 + 2$

$6 + 1$

$7 + 0$

Springdale Number Facts – Composition of 9

Orange B

$0 + 9$

$1 + 8$

$2 + 7$

$3 + 6$

$4 + 5$

$5 + 4$

$6 + 3$

$7 + 2$

$8 + 1$

$9 + 0$

Springdale Number Facts – 1 more

Amber A

$0 + 1$

$1 + 1$

$2 + 1$

$3 + 1$

$4 + 1$

$5 + 1$

$6 + 1$

$7 + 1$

$8 + 1$

$9 + 1$

$10 + 1$

Springdale Number Facts – 1 more

Amber B

$1 + 0$

$1 + 1$

$1 + 2$

$1 + 3$

$1 + 4$

$1 + 5$

$1 + 6$

$1 + 7$

$1 + 8$

$1 + 9$

$1 + 10$

Springdale Number Facts – 2 more

Amber C

$0 + 2$

$1 + 2$

$2 + 2$

$3 + 2$

$4 + 2$

$5 + 2$

$6 + 2$

$7 + 2$

$8 + 2$

$9 + 2$

$10 + 2$

Springdale Number Facts – 2 more

Amber D

$2 + 0$

$2 + 1$

$2 + 2$

$2 + 3$

$2 + 4$

$2 + 5$

$2 + 6$

$2 + 7$

$2 + 8$

$2 + 9$

$2 + 10$

Springdale Number Facts – 10 and a bit

Yellow A

$10 + 1$

$10 + 2$

$10 + 3$

$10 + 4$

$10 + 5$

Springdale Number Facts – 10 and a bit

Yellow B

$1 + 10$

$2 + 10$

$3 + 10$

$4 + 10$

$5 + 10$

Springdale Number Facts – 10 and a bit

Lemon A

$10 + 0$

$10 + 1$

$10 + 2$

$10 + 3$

$10 + 4$

$10 + 5$

$10 + 6$

$10 + 7$

$10 + 8$

$10 + 9$

$10 + 10$

Springdale Number Facts – Adding 10

Lemon B

$0 + 10$

$1 + 10$

$2 + 10$

$3 + 10$

$4 + 10$

$5 + 10$

$6 + 10$

$7 + 10$

$8 + 10$

$9 + 10$

$10 + 10$

Springdale Number Facts – Composition of 6

Green A		
$0 + 6$	$1 + 5$	$2 + 4$
$3 + 3$	$4 + 2$	$5 + 1$
$6 + 0$		

Springdale Number Facts – Composition of 8

Green B		
$0 + 8$	$1 + 7$	$2 + 6$
$3 + 5$	$4 + 4$	$5 + 3$
$6 + 2$	$7 + 1$	$8 + 0$

Springdale Number Facts – Bonds to 10

Green C		
0 + 10	1 + 9	2 + 8
3 + 7	4 + 6	5 + 5
6 + 4	7 + 3	8 + 2
9 + 1	10 + 0	

Springdale Number Facts – Composition of 7

Emerald A

$0 + 7$

$1 + 6$

$2 + 5$

$3 + 4$

$4 + 3$

$5 + 2$

$6 + 1$

$7 + 0$

Springdale Number Facts – Composition of 9

Emerald B

$0 + 9$

$1 + 8$

$2 + 7$

$3 + 6$

$4 + 5$

$5 + 4$

$6 + 3$

$7 + 2$

$8 + 1$

$9 + 0$

Springdale Number Facts – 10 and a bit

Emerald C

$10 + 0$

$10 + 1$

$10 + 2$

$10 + 3$

$10 + 4$

$10 + 5$

$10 + 6$

$10 + 7$

$10 + 8$

$10 + 9$

$10 + 10$

Springdale Number Facts – Doubles

Jade A

$1 + 1$

$2 + 2$

$3 + 3$

$4 + 4$

$5 + 5$

$6 + 6$

$7 + 7$

$8 + 8$

$9 + 9$

$10 + 10$

Springdale Number Facts – Bonds to 20

Jade B

$19 + 1$

$18 + 2$

$17 + 3$

$16 + 4$

$15 + 5$

$14 + 6$

$13 + 7$

$12 + 8$

$11 + 9$

$10 + 10$

Springdale Number Facts – Bonds to 20

Jade C

$1 + 19$

$2 + 18$

$3 + 17$

$4 + 16$

$5 + 15$

$6 + 14$

$7 + 13$

$8 + 12$

$9 + 11$

$10 + 10$

Springdale Number Facts – Known facts

Jade D

$12 + 2$

$12 + 3$

$12 + 4$

$12 + 5$

$12 + 6$

$12 + 7$

$13 + 3$

$13 + 4$

$13 + 5$

$13 + 6$

$14 + 4$

$14 + 5$

Springdale Number Facts – Doubles (using 5 and a bit)

Blue A

$6 + 6$

$7 + 7$

$8 + 8$

$9 + 9$

Springdale Number Facts – Near Doubles

Blue B

$2 + 3$

$3 + 4$

$4 + 5$

$5 + 6$

$6 + 7$

$7 + 8$

$8 + 9$

Springdale Number Facts – Near Doubles

Blue C

$3 + 2$

$4 + 3$

$5 + 4$

$6 + 5$

$7 + 6$

$8 + 7$

$9 + 8$

Springdale Number Facts – Bonds to 10

Turquoise A

$0 + 10$

$1 + 9$

$2 + 8$

$3 + 7$

$4 + 6$

$5 + 5$

$6 + 4$

$7 + 3$

$8 + 2$

$9 + 1$

$10 + 0$

Springdale Number Facts – Add 3 numbers

Turquoise B

$1 + 9 + 5$

$2 + 8 + 6$

$3 + 7 + 4$

$1 + 5 + 9$

$2 + 4 + 8$

$3 + 8 + 7$

$6 + 9 + 1$

$7 + 2 + 8$

$3 + 5 + 5$

$6 + 8 + 4$

$8 + 5 + 5$

$7 + 9 + 3$

Springdale Number Facts – Bridging 10

Turquoise C

$9 + 2$

$9 + 3$

$9 + 4$

$9 + 5$

$9 + 6$

$9 + 7$

$9 + 8$

$9 + 9$

Springdale Number Facts – Bridging 10

Turquoise D

$8 + 3$

$8 + 4$

$8 + 5$

$8 + 6$

$8 + 7$

$8 + 8$

Springdale Number Facts – Bridging 10

Turquoise E

$7 + 4$

$7 + 5$

$7 + 6$

$7 + 7$

$7 + 8$

Springdale Number Facts – Bridging 10

Turquoise F

$6 + 5$

$6 + 6$

$6 + 7$

$6 + 8$

Springdale Number Facts – Bridging 10

Turquoise G

$5 + 6$

$5 + 7$

$5 + 8$

$5 + 9$

Springdale Number Facts – Subtract to 10

Teal A

$11 - 1$

$12 - 2$

$13 - 3$

$14 - 4$

$15 - 5$

$16 - 6$

$17 - 7$

$18 - 8$

$19 - 9$

Springdale Number Facts – Subtract from 10

Teal B

$10 - 1$

$10 - 2$

$10 - 3$

$10 - 4$

$10 - 5$

$10 - 6$

$10 - 7$

$10 - 8$

$10 - 9$

Springdale Number Facts – Subtract across 10

Teal C

$11 - 2$

$11 - 3$

$11 - 4$

$11 - 5$

$11 - 6$

$11 - 7$

$11 - 8$

$11 - 9$

Springdale Number Facts – Subtract across 10

Teal D

$12 - 3$

$12 - 4$

$12 - 5$

$12 - 6$

$12 - 7$

$12 - 8$

$12 - 9$

Springdale Number Facts – Subtract across 10

Teal E

$13 - 4$

$13 - 5$

$13 - 6$

$13 - 7$

$13 - 8$

$13 - 9$

Springdale Number Facts – Subtract across 10

Teal F

$14 - 5$

$14 - 6$

$14 - 7$

$14 - 8$

$14 - 9$

Springdale Number Facts – Subtract across 10

Teal G

$15 - 6$

$15 - 7$

$15 - 8$

$15 - 9$

$16 - 7$

$16 - 8$

$16 - 9$

$17 - 8$

$17 - 9$

Springdale Number Facts – Scaling by 10

Number bonds to 100

Violet A		
10 + __	20 + __	30 + __
40 + __	50 + __	60 + __
70 + __	80 + __	90 + __

Springdale Number Facts – Scaling by 10

Doubles

Violet B

$10 + 10$

$20 + 20$

$30 + 30$

$40 + 40$

$50 + 50$

Springdale Number Facts – Near doubles

Scaling by 10

Violet C		
$10 + 20$	$20 + 30$	$30 + 40$
$40 + 50$	$50 + 60$	

Springdale Number Facts – Composition of 60 – Scaling known facts of bonds to 6.

Plum A		
0 + 60	10 + 50	20 + 40
30 + 30	40 + 20	50 + 10
60 + 0		

Springdale Number Facts – Composition of 80 – Scaling known facts of bonds to 8.

Plum B

$0 + 80$

$10 + 70$

$20 + 60$

$30 + 50$

$40 + 40$

$50 + 30$

$60 + 20$

$70 + 10$

$80 + 0$

Springdale Number Facts – Composition of
70 – Scaling known facts of bonds to 7.

Plum C		
0 + 70	10 + 60	20 + 50
30 + 40	40 + 30	50 + 20
60 + 10	70 + 0	

Springdale Number Facts – Composition of
90 – Scaling known facts of bonds to 9.

Plum D		
0 + 90	10 + 80	20 + 70
30 + 60	40 + 50	50 + 40
60 + 30	70 + 20	80 + 10
90 + 0		

Springdale Number Facts – Doubles beyond 10 – Scaling by 10

Indigo A

$60 + 60$

$70 + 70$

$80 + 80$

$90 + 90$

$100 + 100$

Springdale Number Facts – Near doubles –
Scaling by 10

Indigo B

$60 + 70$

$70 + 80$

$80 + 90$

Springdale Number Facts – Bonds to 100 in multiples of 5.

Indigo C

$95 + 5$

$5 + 95$

$45 + 55$

$55 + 45$

Springdale Number Facts – Bonds to 100 in
multiples of 5.

Indigo D

$85 + 15$

$15 + 85$

$75 + 25$

$25 + 75$

Springdale Number Facts – Bonds to 100 in multiples of 5.

Indigo E

$$65 + 35$$

$$35 + 65$$

Springdale Number Facts – Bridging through
100. Use known facts.

Sapphire A

$90 + 20$

$90 + 30$

$90 + 40$

$90 + 50$

$90 + 60$

$90 + 70$

$90 + 80$

Springdale Number Facts – Bridging through
100. Use known facts.

Sapphire B

$80 + 30$

$80 + 40$

$80 + 50$

$80 + 60$

$80 + 70$

$80 + 80$

$80 + 90$

Springdale Number Facts – Bridging through
100. Use known facts.

Sapphire C		
$70 + 40$	$70 + 50$	$70 + 60$
$70 + 70$	$70 + 80$	

Springdale Number Facts – Bridging through
100. Use known facts.

Sapphire D		
$60 + 50$	$60 + 60$	$60 + 70$
$60 + 80$	$60 + 90$	

Springdale Number Facts – Bridging through
100. Use known facts.

Sapphire E		
50 + 60	50 + 70	50 + 80
50 + 90		