Fact families

★ ☆ ☆

1 Use the part-whole models to complete the number sentences.

a

4 — 1
4 — 3

1	+	3	=	
3	+	1	=	
4	=		+	
4	=		+	

b

7 — 4
7 — 3

4	+	3	=	
3	+	4	=	
7	=		+	
7	=		+	

c

5 — 2
5 — 3

2	+	3	=	
3	+	2	=	
5	=		+	
5	=		+	

d

9 — 5
9 — 4

5	+	4	=	
4	+	5	=	
9	=		+	
9	=		+	

e

6 — 5
6 — 1

5	+	1	=	
1	+	5	=	
	=		+	
	=		+	

f

10 — 7
10 — 3

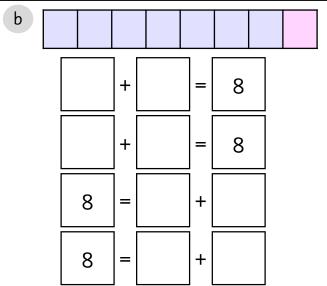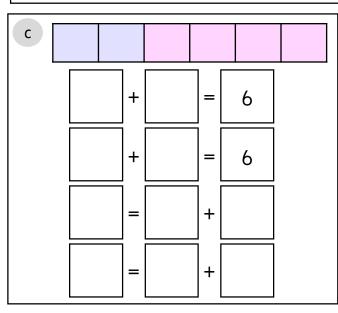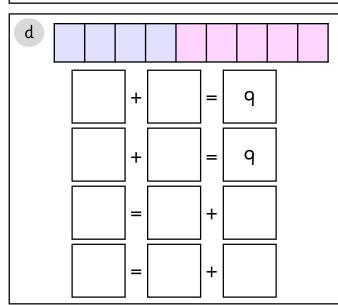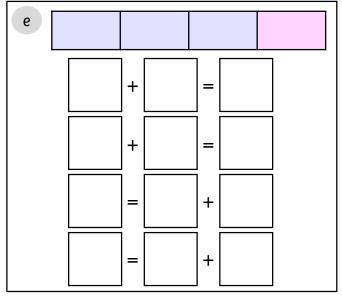| 7 | + | | = | |
3	+		=	
	=		+	
	=		+	

Fact families

★ ☆ ☆

1 Use the number tracks to complete the number sentences.

a

$2 + \boxed{} = 6$

$\boxed{} + 2 = 6$

$6 = \boxed{} + \boxed{}$

$6 = \boxed{} + \boxed{}$

b

$8 + \boxed{} = 10$

$\boxed{} + 8 = 10$

$10 = \boxed{} + \boxed{}$

$10 = \boxed{} + \boxed{}$

c

$\boxed{} + 3 = 4$

$3 + \boxed{} = 4$

$4 = \boxed{} + \boxed{}$

$4 = \boxed{} + \boxed{}$

d

$3 + \boxed{} = 5$

$\boxed{} + 3 = 5$

$5 = \boxed{} + \boxed{}$

$5 = \boxed{} + \boxed{}$

e

$5 + \boxed{} = 7$

$\boxed{} + 5 = 7$

$\boxed{} = \boxed{} + \boxed{}$

$\boxed{} = \boxed{} + \boxed{}$

f

$3 + \boxed{} = \boxed{}$

$\boxed{} + \boxed{} = \boxed{}$

$\boxed{} = \boxed{} + \boxed{}$

$\boxed{} = \boxed{} + \boxed{}$
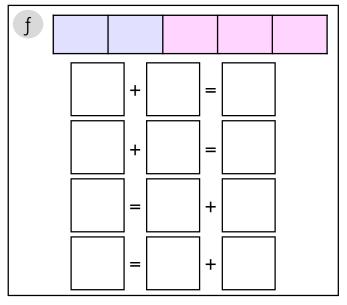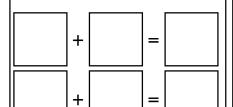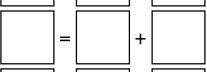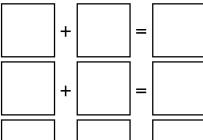
Fact families

★ ★ ☆

1 Use the part-whole models to complete the number sentences.

a

10 — 6, 4

6	+		=	10
	+	6	=	10
	=	6	+	
	=		+	

b

7 — 2, 5

2	+		=	7
	+	2	=	7
	=	2	+	
	=		+	

c

5 — 3, 2

3	+		=	5
	+	3	=	5
	=	3	+	
	=		+	

d

8 — 5, 3

	+		=	
	+		=	
	=		+	
	=		+	

e

6 — 1, 5

	+		=	
	+		=	
	=		+	
	=		+	

f

9 — 4, 5

	+		=	
	+		=	
	=		+	
	=		+	

Fact families

★ ★ ☆

1 Use the number tracks to complete the number sentences.

a

☐ + ☐ = 10

☐ + ☐ = 10

10 = ☐ + ☐

10 = ☐ + ☐

b

☐ + ☐ = 8

☐ + ☐ = 8

8 = ☐ + ☐

8 = ☐ + ☐

c

☐ + ☐ = 6

☐ + ☐ = 6

☐ = ☐ + ☐

☐ = ☐ + ☐

d

☐ + ☐ = 9

☐ + ☐ = 9

☐ = ☐ + ☐

☐ = ☐ + ☐

e

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

f

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

Fact families

★ ★ ★

1 Use the part-whole models to complete the number sentences.

a

```
    ( 6 )
( )
    ( 3 )
```

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

b

```
    ( 4 )
( )
    ( 3 )
```

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

c

```
    ( 3 )
( )
    ( 7 )
```

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

d

```
    ( 5 )
( )
    ( 3 )
```

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

e

```
    ( 4 )
( )
    ( 1 )
```

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

f

```
    ( 2 )
( )
    ( 4 )
```
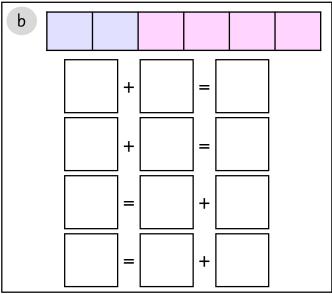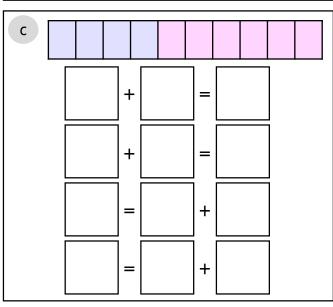
☐ + ☐ = ☐
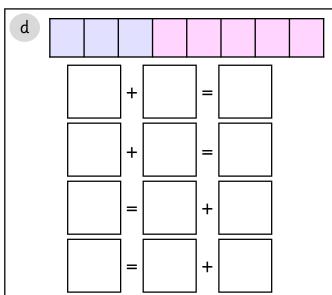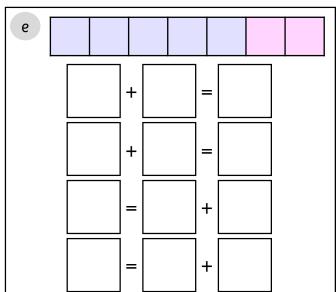
☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

Fact families ★★★

1 Use the number tracks to complete the number sentences.

a

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

b

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

c

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

d

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

e

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

f

☐ + ☐ = ☐

☐ + ☐ = ☐

☐ = ☐ + ☐

☐ = ☐ + ☐

Answers

Fact families

★ ☆ ☆

1 Use the part-whole models to complete the number sentences.

a

```
  4 — 1
      3
```

1	+	3	=	4
3	+	1	=	4
4	=	1	+	3
4	=	3	+	1

b

```
  7 — 4
      3
```

4	+	3	=	7
3	+	4	=	7
7	=	4	+	3
7	=	3	+	4

c

```
  5 — 2
      3
```

2	+	3	=	5
3	+	2	=	5
5	=	2	+	3
5	=	3	+	2

d

```
  9 — 5
      4
```

5	+	4	=	9
4	+	5	=	9
9	=	5	+	4
9	=	4	+	5

e

```
  6 — 5
      1
```

5	+	1	=	6
1	+	5	=	6
6	=	5	+	1
6	=	1	+	5

f

```
  10 — 7
       3
```

7	+	3	=	10
3	+	7	=	10
10	=	7	+	3
10	=	3	+	7

Fact families

★ ☆ ☆

1 Use the number tracks to complete the number sentences.

a

2	+	4	=	6
4	+	2	=	6
6	=	2	+	4
6	=	4	+	2

b

8	+	2	=	10
2	+	8	=	10
10	=	8	+	2
10	=	2	+	8

c

1	+	3	=	4
3	+	1	=	4
4	=	1	+	3
4	=	3	+	1

d

3	+	2	=	5
2	+	3	=	5
5	=	3	+	2
5	=	2	+	3

e

5	+	2	=	7
2	+	5	=	7
7	=	5	+	2
7	=	2	+	5

f

3	+	6	=	9
6	+	3	=	9
9	=	3	+	6
9	=	6	+	3

Fact families

★★☆

1. Use the part-whole models to complete the number sentences.

a

10 — 6, 4

6	+	4	=	10
4	+	6	=	10
10	=	6	+	4
10	=	4	+	6

b

7 — 2, 5

2	+	5	=	7
5	+	2	=	7
7	=	2	+	5
7	=	5	+	2

c

5 — 3, 2

3	+	2	=	5
2	+	3	=	5
5	=	3	+	2
5	=	2	+	3

d

8 — 5, 3

5	+	3	=	8
3	+	5	=	8
8	=	5	+	3
8	=	3	+	5

e

6 — 1, 5

1	+	5	=	6
5	+	1	=	6
6	=	1	+	5
6	=	5	+	1

f

9 — 4, 5

4	+	5	=	9
5	+	4	=	9
9	=	4	+	5
9	=	5	+	4

Fact families

★★☆

1 Use the number tracks to complete the number sentences.

a

6	+	4	=	10
4	+	6	=	10
10	=	6	+	4
10	=	4	+	6

b

7	+	1	=	8
1	+	7	=	8
8	=	7	+	1
8	=	1	+	7

c

2	+	4	=	6
4	+	2	=	6
6	=	2	+	4
6	=	4	+	2

d

4	+	5	=	9
5	+	4	=	9
9	=	4	+	5
9	=	5	+	4

e

3	+	1	=	4
1	+	3	=	4
4	=	3	+	1
4	=	1	+	3

f

2	+	3	=	5
3	+	2	=	5
5	=	2	+	3
5	=	3	+	2

Fact families

★ ★ ★

1 Use the part-whole models to complete the number sentences.

a

9   6   3

6	+	3	=	9
3	+	6	=	9
9	=	6	+	3
9	=	3	+	6

b

7   4   3

4	+	3	=	7
3	+	4	=	7
7	=	4	+	3
7	=	3	+	4

c

10   3   7

3	+	7	=	10
7	+	3	=	10
10	=	3	+	7
10	=	7	+	3

d

8   5   3

5	+	3	=	8
3	+	5	=	8
8	=	5	+	3
8	=	3	+	5

e

5   4   1

4	+	1	=	5
1	+	4	=	5
5	=	4	+	1
5	=	1	+	4

f

6   2   4

2	+	4	=	6
4	+	2	=	6
6	=	2	+	4
6	=	4	+	2

Fact families

★ ★ ★

1 Use the number tracks to complete the number sentences.

a

5	+	4	=	9
4	+	5	=	9
9	=	5	+	4
9	=	4	+	5

b

2	+	4	=	6
4	+	2	=	6
6	=	2	+	4
6	=	4	+	2

c

4	+	6	=	10
6	+	4	=	10
10	=	4	+	6
10	=	6	+	4

d

3	+	5	=	8
5	+	3	=	8
8	=	3	+	5
8	=	5	+	3

e

5	+	2	=	7
2	+	5	=	7
7	=	5	+	2
7	=	2	+	5

f

4	+	1	=	5
1	+	4	=	5
5	=	4	+	1
5	=	1	+	4