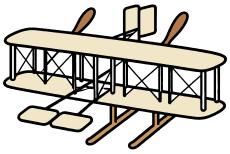
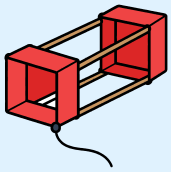
Name _____ Date _____



Wright Brothers Math

Read the table of the four flights. Then add or subtract.



On December **17, 1903**, Orville and Wilbur Wright took turns flying the Flyer. These were the first flights of an airplane with an engine and a pilot. They flew four times that morning.

Flight	Pilot	Distance	Time in the air
1	Orville	120 feet	12 seconds
2	Wilbur	175 feet	12 seconds
3	Orville	200 feet	15 seconds
4	Wilbur	852 feet	59 seconds

1. How much farther did flight 2 go than flight 1?

   175 − 120 = 55

   Example

   55 feet

2. How much farther did flight 4 go than flight 3?

   _____ feet

3. How far did flights 1, 2 and 3 go in all?

   _____ feet

4. How much farther did flight 4 go than flights 1, 2 and 3 together?

   _____ feet

5. How many seconds were the four flights in the air in all?

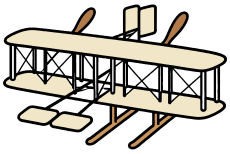
   _____ seconds

6. How many seconds longer was flight 4 in the air than flight 3?

   _____ seconds

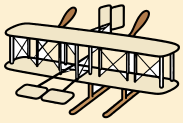
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Name _____ Date _____



Wright Brothers Math

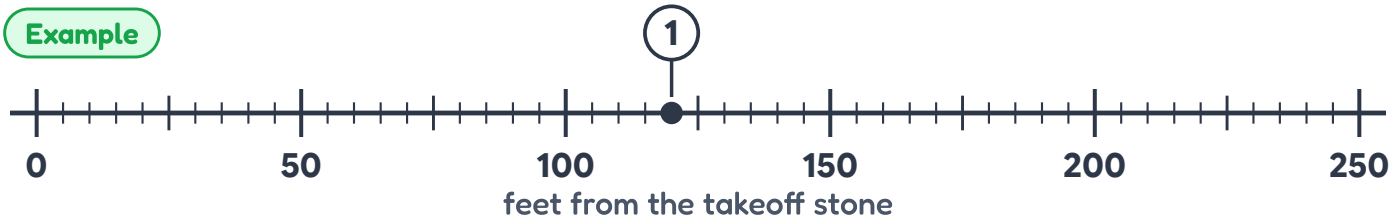
Mark where each flight landed. Then round the distances.



Today a big stone marks where the Flyer took off, and numbered markers show where each flight landed.

1. Every flight started at 0. Mark where flights 1, 2 and 3 landed.

Example



2. Flight 4 went 852 feet. Mark about where it landed.

a football field: 300 feet



3. Round each flight to the nearest 10 feet and the nearest 100 feet.

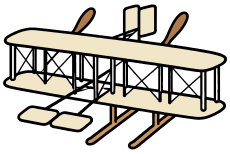
Flight	Distance	Nearest 10 feet	Nearest 100 feet
1 Example	120 feet	120	100
2	175 feet		
3	200 feet		
4	852 feet		

4. How many whole football fields long was flight 4? _____ fields

5. How many more feet would flight 4 need to make 3 football fields? _____ feet

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Name _____ Date _____



Wright Brothers Math

Write the time of each flight. Then find the time between.



Orville wrote the time of each flight in his diary. The first flight was at about **10:35** in the morning, and the last one started at **12:00** noon.

1. Write the time each flight took off.

Flight 1 Example



10:35

Flight 2



:

Flight 3



:

Flight 4



:

2. The dots show the four flights. Find the time between them.



1. How much time passed from flight **1** to flight **2**? ____ minutes

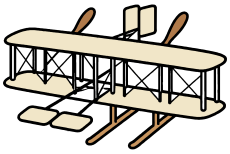
2. How much time passed from flight **2** to flight **3**? ____ minutes

3. How long was it from flight **1** to flight **4**? ____ hour ____ minutes

4. The flights were in the air for **98** seconds in all. How long is that? ____ minute ____ seconds

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Name _____ Date _____



Wright Brothers Math

Change feet to yards, and feet and inches to inches.



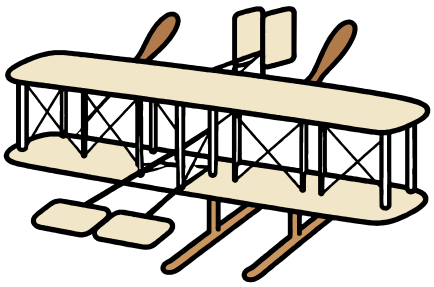
1 yard = 3 feet **1 foot = 12 inches**

The Flyer is in the Smithsonian's National Air and Space Museum in Washington, D.C., where anyone can go to see it.

1. How many yards and feet did each flight go?

Flight	Feet	Yards and feet
1 Example	120 feet	40 yards 0 feet
2	175 feet	____ yards ____ feet
3	200 feet	____ yards ____ feet
4	852 feet	____ yards ____ feet

2. How many inches is each size of the Flyer?



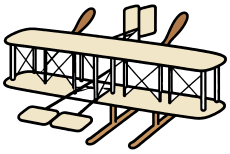
The Flyer	Feet and inches	Inches
Wingspan	40 ft 4 in	____
Length	21 ft 1 in	____
Height	9 ft 4 in	____

3. How many inches wider were the Flyer's wings than the Flyer was long? ____ inches

4. Flight 1 went 120 feet. The wings were about 40 feet wide. How many wing widths is that? ____ wing widths

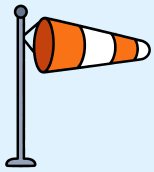
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Name _____ Date _____



Wright Brothers Math

Divide to find how far each flight went in each second.



To find how far a flight went in each second, divide its feet by its seconds. Flight 1: 120 ÷ 12 = 10 feet each second. The Flyer flew into a strong wind, so it went slowly over the sand.

1. Divide. Write the quotient and the remainder.

Flight 2 Example

175 feet in 12 seconds

```
    1 4
12 ) 1 7 5
   - 1 2
     5 5
   - 4 8
       7
```

14 R 7

It went between 14 and 15 feet each second.

Flight 3

200 feet in 15 seconds

15) 2 0 0

_____ R _____

It went between _____ and _____ feet each second.

Flight 4

852 feet in 59 seconds

59) 8 5 2

_____ R _____

It went between _____ and _____ feet each second.

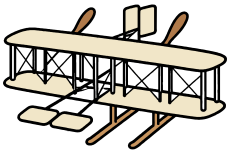
1. Which flight went the fewest feet in each second? flight _____

2. Check flight 4: work out 14 × 59 + 26. _____ feet

3. 852 ÷ 120 = 7 R 12. Flight 4 went more than how many times as far as flight 1? _____ times

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Name _____ Date _____



Wright Brothers Math

Solve each flight story. Show your work.



Before they built airplanes, the Wright brothers built and sold bicycles in their shop in Dayton, Ohio.

1. The first flights were on December **17, 1903**. How many years before **2026** was that?

2026 – 1903 = 123

Example **123** years

2. The Flyer went on show at the Smithsonian in **1948**. How many years after the first flights was that?

_____ years

3. The Flyer weighed **605** pounds empty. With a pilot and fuel, it weighed **750** pounds. How much did the pilot and fuel weigh?

_____ pounds

4. A class measured **120** feet on the playground with a rope **10** feet long. How many times did they lay the rope down?

_____ times

5. Each child stretches out their arms **4** feet wide. How many children in a row stretch as wide as **40** feet?

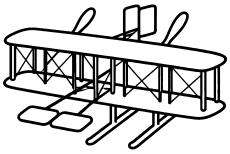
_____ children

6. A class flew paper airplanes. The best one went **38** feet. How much shorter was that than the first flight of **120** feet?

_____ feet

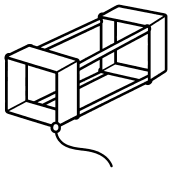
© 2026 Eggroll Games

Name _____ Date _____



Wright Brothers Math

Read the table of the four flights. Then add or subtract.



On December 17, 1903, Orville and Wilbur Wright took turns flying the Flyer. These were the first flights of an airplane with an engine and a pilot. They flew four times that morning.

Flight	Pilot	Distance	Time in the air
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2	Wilbur	175 feet	12 seconds
3	Orville	200 feet	15 seconds
4	Wilbur	852 feet	59 seconds

1. How much farther did flight 2 go than flight 1?

175 − 120 = 55

Example

55 feet

2. How much farther did flight 4 go than flight 3?

_____ feet

3. How far did flights 1, 2 and 3 go in all?

_____ feet

4. How much farther did flight 4 go than flights 1, 2 and 3 together?

_____ feet

5. How many seconds were the four flights in the air in all?

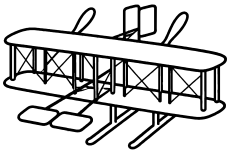
_____ seconds

6. How many seconds longer was flight 4 in the air than flight 3?

_____ seconds

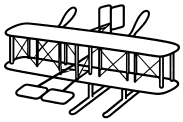
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Name _____ Date _____



Wright Brothers Math

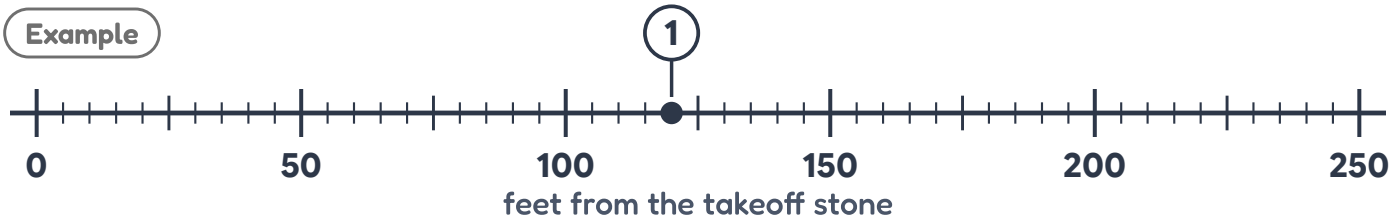
Mark where each flight landed. Then round the distances.



Today a big stone marks where the Flyer took off, and numbered markers show where each flight landed.

1. Every flight started at 0. Mark where flights 1, 2 and 3 landed.

Example



2. Flight 4 went 852 feet. Mark about where it landed.

a football field: 300 feet



3. Round each flight to the nearest 10 feet and the nearest 100 feet.

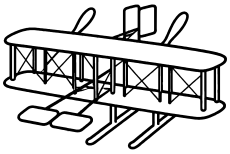
Flight	Distance	Nearest 10 feet	Nearest 100 feet
1 Example	120 feet	120	100
2	175 feet		
3	200 feet		
4	852 feet		

4. How many whole football fields long was flight 4? _____ fields

5. How many more feet would flight 4 need to make 3 football fields? _____ feet

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Name _____ Date _____



Wright Brothers Math

Write the time of each flight. Then find the time between.



Orville wrote the time of each flight in his diary. The first flight was at about **10:35** in the morning, and the last one started at **12:00** noon.

1. Write the time each flight took off.

Flight 1 Example



10:35

Flight 2



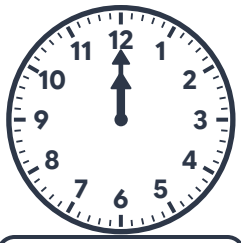
:

Flight 3



:

Flight 4



:

2. The dots show the four flights. Find the time between them.



1. How much time passed from flight **1** to flight **2**? _____ minutes

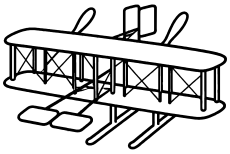
2. How much time passed from flight **2** to flight **3**? _____ minutes

3. How long was it from flight **1** to flight **4**? _____ hour _____ minutes

4. The flights were in the air for **98** seconds in all. How long is that? _____ minute _____ seconds

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Name _____ Date _____



Wright Brothers Math

Change feet to yards, and feet and inches to inches.



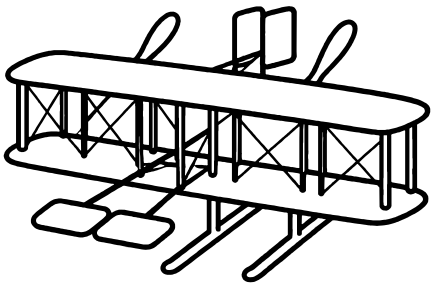
1 yard = 3 feet **1 foot = 12 inches**

The Flyer is in the Smithsonian's National Air and Space Museum in Washington, D.C., where anyone can go to see it.

1. How many yards and feet did each flight go?

Flight	Feet	Yards and feet
1 Example	120 feet	40 yards 0 feet
2	175 feet	____ yards ____ feet
3	200 feet	____ yards ____ feet
4	852 feet	____ yards ____ feet

2. How many inches is each size of the Flyer?



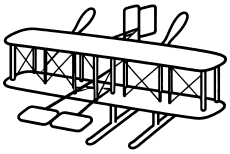
The Flyer	Feet and inches	Inches
Wingspan	40 ft 4 in	____
Length	21 ft 1 in	____
Height	9 ft 4 in	____

3. How many inches wider were the Flyer's wings than the Flyer was long? ____ inches

4. Flight 1 went 120 feet. The wings were about 40 feet wide. How many wing widths is that? ____ wing widths

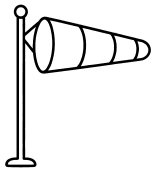
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Name _____ Date _____



Wright Brothers Math

Divide to find how far each flight went in each second.



To find how far a flight went in each second, divide its feet by its seconds. Flight 1: 120 ÷ 12 = 10 feet each second. The Flyer flew into a strong wind, so it went slowly over the sand.

1. Divide. Write the quotient and the remainder.

Flight 2 Example

175 feet in 12 seconds

```
      1 4
   ┌──────
12 ) 1 7 5
   − 1 2
   ─────
     5 5
   − 4 8
   ─────
       7
```

14 R 7

It went between 14 and 15 feet each second.

Flight 3

200 feet in 15 seconds

```
   ┌──────
15 ) 2 0 0
```

_____ R _____

It went between _____ and _____ feet each second.

Flight 4

852 feet in 59 seconds

```
   ┌──────
59 ) 8 5 2
```

_____ R _____

It went between _____ and _____ feet each second.

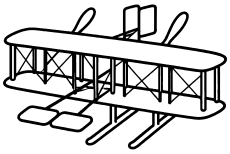
1. Which flight went the fewest feet in each second? flight _____

2. Check flight 4: work out 14 × 59 + 26. _____ feet

3. 852 ÷ 120 = 7 R 12. Flight 4 went more than how many times as far as flight 1? _____ times

© 2026 Eggroll Games

Name _____ Date _____



Wright Brothers Math

Solve each flight story. Show your work.



Before they built airplanes, the Wright brothers built and sold bicycles in their shop in Dayton, Ohio.

1. The first flights were on December **17**, **1903**. How many years before **2026** was that?

2026 − 1903 = 123

Example

123 years

2. The Flyer went on show at the Smithsonian in **1948**. How many years after the first flights was that?

_____ years

3. The Flyer weighed **605** pounds empty. With a pilot and fuel, it weighed **750** pounds. How much did the pilot and fuel weigh?

_____ pounds

4. A class measured **120** feet on the playground with a rope **10** feet long. How many times did they lay the rope down?

_____ times

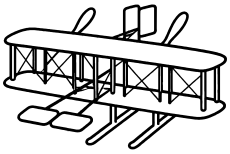
5. Each child stretches out their arms **4** feet wide. How many children in a row stretch as wide as **40** feet?

_____ children

6. A class flew paper airplanes. The best one went **38** feet. How much shorter was that than the first flight of **120** feet?

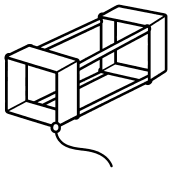
_____ feet

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Wright Brothers Math

Read the table of the four flights. Then add or subtract.



On December 17, 1903, Orville and Wilbur Wright took turns flying the Flyer. These were the first flights of an airplane with an engine and a pilot. They flew four times that morning.

Flight	Pilot	Distance	Time in the air
1	Orville	120 feet	12 seconds
2	Wilbur	175 feet	12 seconds
3	Orville	200 feet	15 seconds
4	Wilbur	852 feet	59 seconds

1. How much farther did flight 2 go than flight 1?

175 − 120 = 55

Example

55 feet

2. How much farther did flight 4 go than flight 3?

852 − 200 = 652

652 feet

3. How far did flights 1, 2 and 3 go in all?

120 + 175 + 200 = 495

495 feet

4. How much farther did flight 4 go than flights 1, 2 and 3 together?

852 − 495 = 357

357 feet

5. How many seconds were the four flights in the air in all?

12 + 12 + 15 + 59 = 98

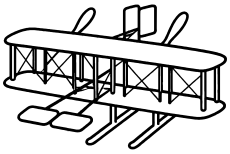
98 seconds

6. How many seconds longer was flight 4 in the air than flight 3?

59 − 15 = 44

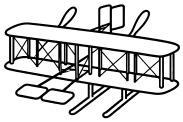
44 seconds

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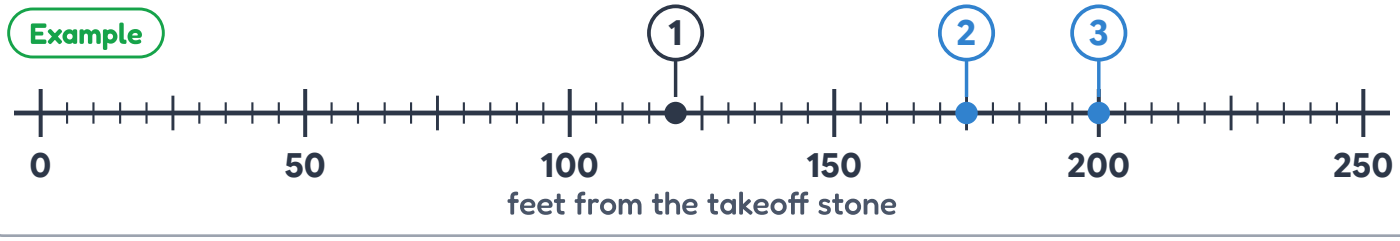
Wright Brothers Math

Mark where each flight landed. Then round the distances.

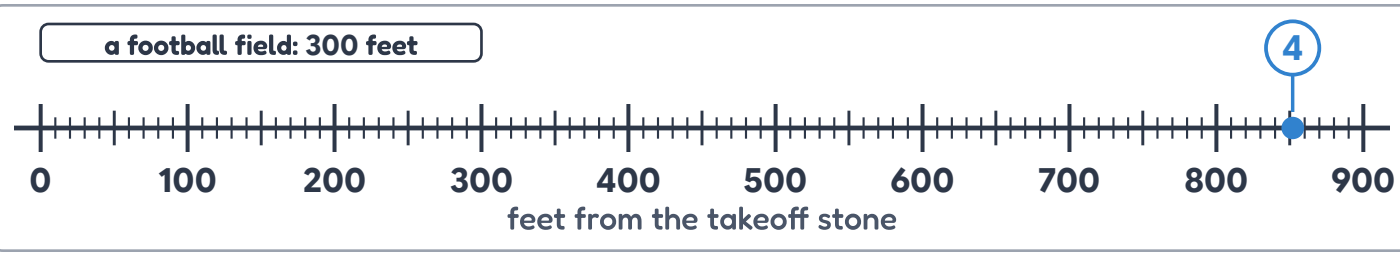


Today a big stone marks where the Flyer took off, and numbered markers show where each flight landed.

1. Every flight started at 0. Mark where flights 1, 2 and 3 landed.



2. Flight 4 went 852 feet. Mark about where it landed.



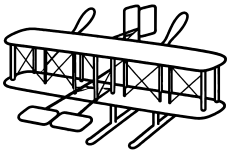
3. Round each flight to the nearest 10 feet and the nearest 100 feet.

Flight	Distance	Nearest 10 feet	Nearest 100 feet
1 Example	120 feet	120	100
2	175 feet	180	200
3	200 feet	200	200
4	852 feet	850	900

4. How many whole football fields long was flight 4? 2 fields

5. How many more feet would flight 4 need to make 3 football fields? 48 feet

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Wright Brothers Math

Write the time of each flight. Then find the time between.



Orville wrote the time of each flight in his diary. The first flight was at about **10:35** in the morning, and the last one started at **12:00** noon.

1. Write the time each flight took off.

Flight 1 Example



10:35

Flight 2



11:20

Flight 3



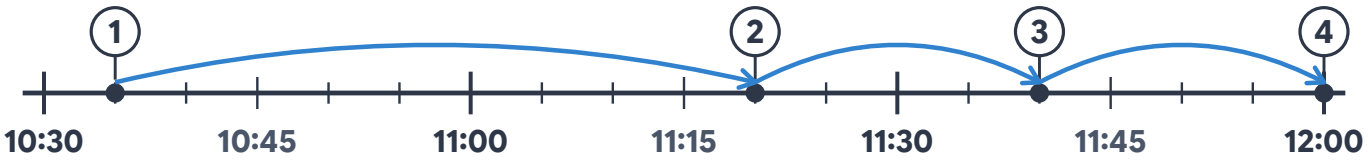
11:40

Flight 4



12:00

2. The dots show the four flights. Find the time between them.



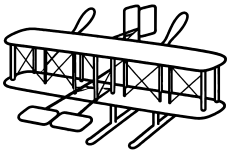
1. How much time passed from flight **1** to flight **2**? **45** minutes

2. How much time passed from flight **2** to flight **3**? **20** minutes

3. How long was it from flight **1** to flight **4**? **1** hour **25** minutes

4. The flights were in the air for **98** seconds in all. How long is that? **1** minute **38** seconds

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Wright Brothers Math

Change feet to yards, and feet and inches to inches.



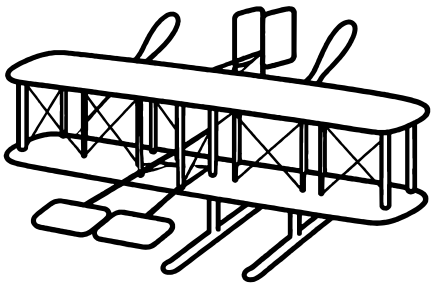
1 yard = 3 feet **1 foot = 12 inches**

The Flyer is in the Smithsonian's National Air and Space Museum in Washington, D.C., where anyone can go to see it.

1. How many yards and feet did each flight go?

Flight	Feet	Yards and feet
1 Example	120 feet	40 yards 0 feet
2	175 feet	58 yards 1 feet
3	200 feet	66 yards 2 feet
4	852 feet	284 yards 0 feet

2. How many inches is each size of the Flyer?

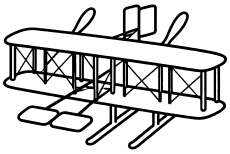


The Flyer	Feet and inches	Inches
Wingspan	40 ft 4 in	484
Length	21 ft 1 in	253
Height	9 ft 4 in	112

3. How many inches wider were the Flyer's wings than the Flyer was long? **231** inches

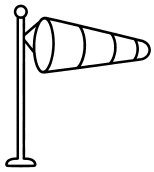
4. Flight 1 went 120 feet. The wings were about 40 feet wide. How many wing widths is that? **3** wing widths

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Wright Brothers Math

Divide to find how far each flight went in each second.



To find how far a flight went in each second, divide its feet by its seconds. Flight 1: 120 ÷ 12 = 10 feet each second. The Flyer flew into a strong wind, so it went slowly over the sand.

1. Divide. Write the quotient and the remainder.

Flight 2 — Example

175 feet in 12 seconds

```
   1 4
12 ) 1 7 5
   - 1 2
   -----
     5 5
   - 4 8
   -----
       7
```

14 R 7

It went between 14 and 15 feet each second.

Flight 3

200 feet in 15 seconds

```
   1 3
15 ) 2 0 0
   - 1 5
   -----
     5 0
   - 4 5
   -----
       5
```

13 R 5

It went between 13 and 14 feet each second.

Flight 4

852 feet in 59 seconds

```
   1 4
59 ) 8 5 2
   - 5 9
   -----
     2 6 2
   - 2 3 6
   -------
       2 6
```

14 R 26

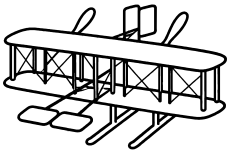
It went between 14 and 15 feet each second.

1. Which flight went the fewest feet in each second? flight 1

2. Check flight 4: work out 14 × 59 + 26. 852 feet

3. 852 ÷ 120 = 7 R 12. Flight 4 went more than how many times as far as flight 1? 7 times

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Wright Brothers Math

Solve each flight story. Show your work.



Before they built airplanes, the Wright brothers built and sold bicycles in their shop in Dayton, Ohio.

1. The first flights were on December **17, 1903**. How many years before **2026** was that?

2026 – 1903 = 123

Example

123 years

2. The Flyer went on show at the Smithsonian in **1948**. How many years after the first flights was that?

1948 – 1903 = 45

45 years

3. The Flyer weighed **605** pounds empty. With a pilot and fuel, it weighed **750** pounds. How much did the pilot and fuel weigh?

750 – 605 = 145

145 pounds

4. A class measured **120** feet on the playground with a rope **10** feet long. How many times did they lay the rope down?

120 ÷ 10 = 12

12 times

5. Each child stretches out their arms **4** feet wide. How many children in a row stretch as wide as **40** feet?

40 ÷ 4 = 10

10 children

6. A class flew paper airplanes. The best one went **38** feet. How much shorter was that than the first flight of **120** feet?

120 – 38 = 82

82 feet

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