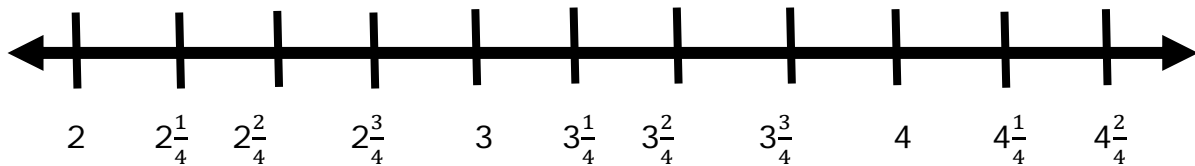


Measurements in Fractions of Unit - Independent Practice Worksheet

Complete all the problems.

1. Mrs. Smith's second grade class had a jumping contest to see who could get the furthest off the ground. They measured their jump height to the nearest $\frac{1}{4}$ inch.

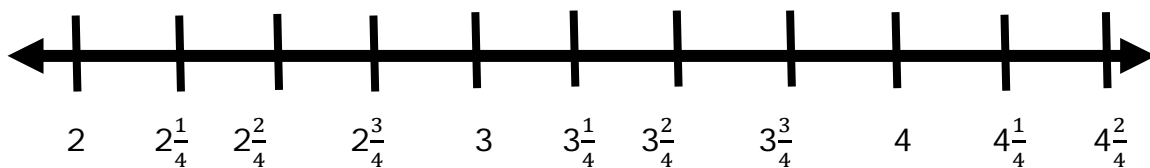
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|--------------------------|---------------------------|--------------------------|
| 1. Kim 4 | 4. Dean $3\frac{3}{4}$ | 7. Larson $2\frac{2}{4}$ |
| 2. Fuller $3\frac{3}{4}$ | 5. Gilbert $2\frac{2}{4}$ | 8. Burke $3\frac{3}{4}$ |
| 3. Lynch $3\frac{1}{4}$ | 6. Romero $2\frac{3}{4}$ | 9. Fowler $4\frac{2}{4}$ |



a. What is the size difference between the longest and shortest jump?

2. The heart walk donated money to charity for walking long distances. Participants walked as far as they could and their distance was measured to the nearest $\frac{1}{4}$ mile.

- | | | |
|---------------------------|-------------------------|---------------------------|
| 1. Hoffman $2\frac{1}{4}$ | 4. Jensen 3 | 7. Jimenez $2\frac{2}{4}$ |
| 2. Silva 3 | 5. Terry $2\frac{1}{4}$ | 8. Castro $4\frac{1}{4}$ |
| 3. Carlson $2\frac{2}{4}$ | 6. Neal $3\frac{2}{4}$ | 9. Miles 3 |



a. What is the most common distance walked?

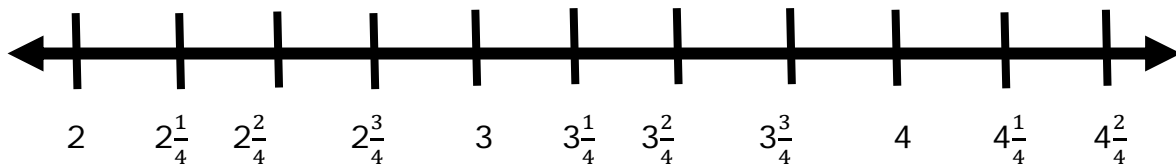


Name _____

Date _____

3. Matt had to size players on his team for wrist size for new batting gloves. Matt measured every player to the nearest $\frac{1}{4}$ inch.

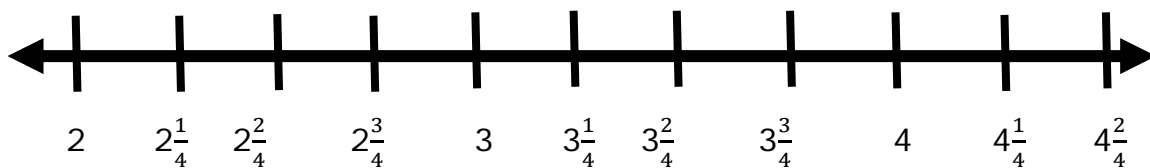
- | | | | | | |
|------------|----------------|---------|----------------|-----------|----------------|
| 1. Craig | 2 | 4. Hale | $3\frac{1}{4}$ | 7. Dawson | 4 |
| 2. Lambert | $2\frac{1}{4}$ | 5. Beck | 3 | 8. Norris | $4\frac{1}{4}$ |
| 3. Watts | $3\frac{2}{4}$ | 6. Bush | $2\frac{2}{4}$ | 9. Steele | 4 |



a. How many measurements are less than 4 inches?

4. Dale is in charge of measuring the size of mouth pieces for the football team. He measures the length of each mouthpiece from the base to the tip of teeth to the nearest $\frac{1}{4}$ inch.

- | | | | | | |
|------------|----------------|-----------|----------------|------------|----------------|
| 1. Curry | $3\frac{2}{4}$ | 4. Weber | $2\frac{2}{4}$ | 7. Baldwin | $2\frac{2}{4}$ |
| 2. Schultz | $2\frac{1}{4}$ | 5. Daniel | $3\frac{1}{4}$ | 8. Castro | 4 |
| 3. Guzman | $2\frac{2}{4}$ | 6. Barber | $4\frac{2}{4}$ | 9. Salazar | $2\frac{1}{4}$ |



a. How many measurements are less than $2\frac{2}{4}$ inches?



Name _____

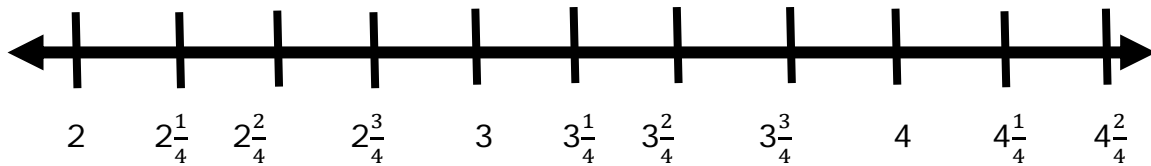
Date _____

5. Travis had to measure the size of the pieces of wood for wood shop. He measured each piece to the nearest $\frac{1}{4}$ inch.

1. Reeves 2
2. Burgess 3
3. Tate 4

4. Mack $2\frac{1}{4}$
5. Dennis $3\frac{1}{4}$
6. Glover $4\frac{1}{4}$

7. Harmon $4\frac{2}{4}$
8. Robbins $2\frac{1}{4}$
9. Blair $3\frac{2}{4}$



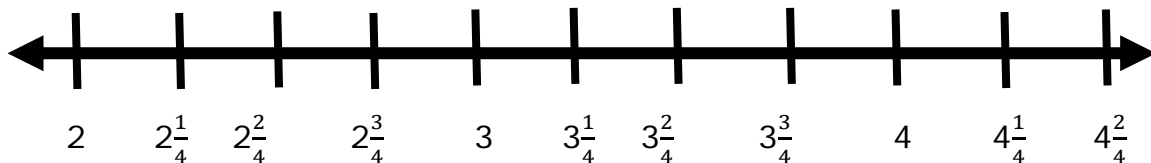
a. What is the most common size?

6. A group of children decided to a turtle race. They each brought in their turtles. The turtle had to stay on the track. They measured the distance each turtle walked on the track to the nearest $\frac{1}{4}$ inch.

1. Ingram $3\frac{1}{4}$
2. Cannon $3\frac{3}{4}$
3. Potter 2

4. Walton $4\frac{2}{4}$
5. Francis $3\frac{2}{4}$
6. Rios $4\frac{2}{4}$

7. Emma $2\frac{1}{4}$
8. Alyssa $3\frac{3}{4}$
9. Noah $3\frac{3}{4}$



a. What is the difference between the longest and shortest turtle walk?



Name _____

Date _____

7. People measured the length of their ears to the nearest $\frac{1}{4}$ inch.

1. Logan 2

4. Grace $2\frac{2}{4}$

7. Christopher $3\frac{2}{4}$

2. Madison 3

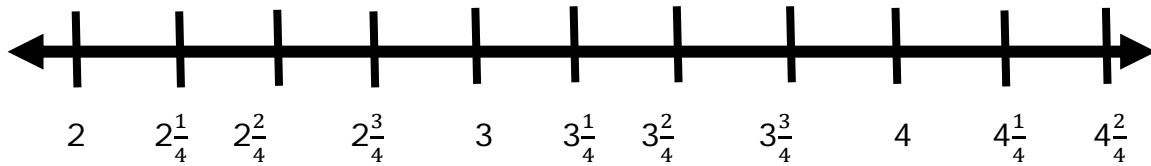
5. Chloe $4\frac{1}{4}$

8. Aiden $4\frac{1}{4}$

3. Natalie $2\frac{2}{4}$

6. Ethan $3\frac{3}{4}$

9. Mia $2\frac{2}{4}$



a. What is the most common ear length?

8. People measured the length of their ring finger to the nearest $\frac{1}{4}$ inch.

1. William $2\frac{1}{4}$

4. Elijah $2\frac{2}{4}$

7. Lily 4

2. Cannon $4\frac{2}{4}$

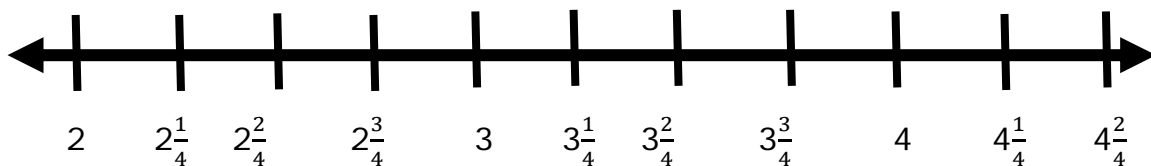
5. Francis $4\frac{2}{4}$

8. Norman 3

3. Lindsey $2\frac{3}{4}$

6. Addison $2\frac{2}{4}$

9. Paul $3\frac{3}{4}$



a. What is the size difference between the longest and shortest finger?



Name _____

Date _____

9. People measured how far they could roll a quarter on a table to the nearest $\frac{1}{4}$ inch.

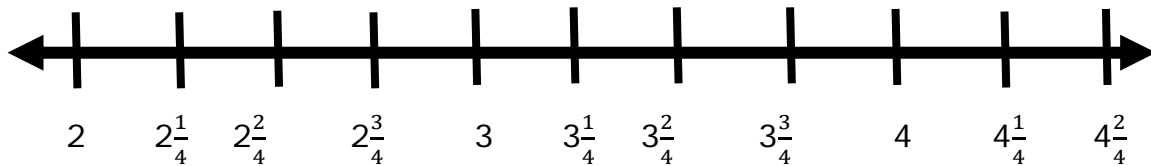
1. Gibbs 2

4. Gibbs $3\frac{1}{4}$

7. Boone 4

2. Doyle $3\frac{2}{4}$

5. Massey 3

8. Cain $4\frac{1}{4}$ 3. Colon $3\frac{3}{4}$ 6. Barton $2\frac{1}{4}$ 9. Hogan $2\frac{2}{4}$ 

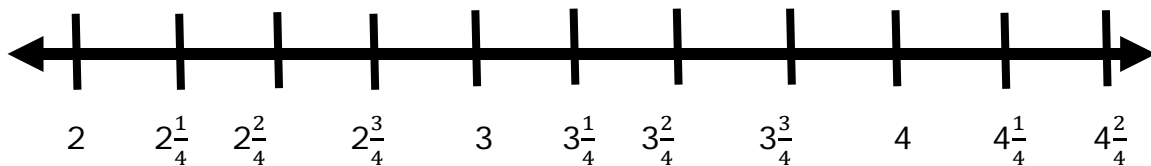
a. How many measurements are less than $3\frac{2}{4}$ inches?

10. Students made paper airplanes. They measure the size of the papers to the nearest $\frac{1}{4}$ inch.

1. Allison 3

4. Richard $2\frac{3}{4}$ 7. Kirk $2\frac{2}{4}$ 2. Summers $2\frac{1}{4}$ 5. Clay $3\frac{3}{4}$

8. Shaffer 3

3. Wilcox $2\frac{2}{4}$ 6. Payola $4\frac{2}{4}$ 9. Melton $3\frac{1}{4}$ 

a.

b. How many measurements are less than $2\frac{3}{4}$ inches?

