Name _____

The dressmaker had to take Newton's measurements. This allowed the dressmaker to alter the fashion garment so that it fit Newton.

Newton's Measurements

Shoulder to elbow:	$8\frac{1}{4}$ in.
Elbow to wrist:	$8\frac{3}{4}$ in.
Half of collar:	$7\frac{3}{8}$ in.
Half of waist:	$12\frac{5}{16}$ in.
Hip to knee:	$10\frac{1}{2}$ in.
Knee to ankle:	$8\frac{1}{2}$ in.

1. How long is Newton's front leg? _____ in.

2. What is Newton's neck size? _____ in.

3. What is Newton's waist size? _____ in.

4. How long is Newton's back leg? _____ in.

Balance the equation.

5. $\frac{1}{8} + \frac{\square}{\square} = \frac{2}{8} + \frac{3}{8}$

6. $\frac{4}{6} + \frac{1}{6} = \frac{3}{6} + \frac{\square}{\square}$

7. $\frac{\square}{\square} + \frac{2}{5} = \frac{3}{5} + \frac{1}{5}$

8. $\frac{3}{10} + \frac{4}{10} = \frac{\square}{\square} + \frac{5}{10}$

9. $\frac{7}{8} - \frac{\square}{\square} = \frac{1}{8} + \frac{2}{8}$

10. $\frac{2}{5} + \frac{1}{5} = \frac{4}{5} - \frac{\square}{\square}$

To accompany *Newton & Descartes's Math Musicals*, Grade 4
Newton & Descartes's Skate Park Adventure

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1. How long is Newton's front leg? 17 in.

2. What is Newton's neck size? _____ in.

3. What is Newton's waist size? _____ in.

4. How long is Newton's back leg? _____ in.

Balance the equation.

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