

Outcome 1 - Changing "Top Heavy" Fractions to Mixed Numbers

Bronze examples...

Silver examples

Gold examples

Examples...

$$\frac{7}{6} = 1\frac{1}{6} \quad 6 \overline{)7} \quad \text{Remainder is 1.}$$

$$\frac{9}{5} = 1\frac{4}{5} \quad 5 \overline{)9} \quad \text{Remainder is 4.}$$

Examples...

$$\frac{9}{2} = 4\frac{1}{2} \quad 2 \overline{)9} \quad \text{Remainder is 1.}$$

$$\frac{19}{5} = 3\frac{4}{5} \quad 5 \overline{)19} \quad \text{Remainder is 4.}$$

Examples...

$$\frac{83}{41} = 2\frac{1}{41} \quad 41 \overline{)83} \quad \text{Remainder is 1.}$$

$$\frac{125}{29} = 4\frac{9}{29} \quad 29 \overline{)125} \quad \text{Remainder is 9.}$$

Bronze Questions

Change the following "top heavy" fractions into mixed numbers...

1

$\frac{6}{5}$

2

$\frac{9}{8}$

3

$\frac{11}{10}$

4

$\frac{13}{12}$

5

$\frac{9}{7}$

6

$\frac{11}{9}$

7

$\frac{8}{5}$

8

$\frac{13}{10}$

Silver Questions

Change the following "top heavy" fractions into mixed numbers...

1

$\frac{10}{3}$

2

$\frac{25}{6}$

3

$\frac{33}{8}$

4

$\frac{51}{10}$

5

$\frac{17}{5}$

6

$\frac{45}{7}$

7

$\frac{30}{7}$

8

$\frac{91}{8}$

Gold Questions

Change the following "top heavy" fractions into mixed numbers...

1

$\frac{51}{13}$

2

$\frac{151}{25}$

3

$\frac{116}{23}$

4

$\frac{58}{19}$

5

$\frac{73}{31}$

6

$\frac{151}{37}$

7

$\frac{213}{41}$

8

$\frac{672}{67}$

Bronze Answers

- | | | | |
|----|-----------------|----|-----------------|
| 1. | $1\frac{1}{5}$ | 2. | $1\frac{1}{8}$ |
| 3. | $1\frac{1}{10}$ | 4. | $1\frac{1}{12}$ |
| 5. | $1\frac{2}{7}$ | 6. | $1\frac{2}{9}$ |
| 7. | $1\frac{3}{5}$ | 8. | $1\frac{3}{10}$ |

Silver Answers

- | | | | |
|----|----------------|----|-----------------|
| 1. | $3\frac{1}{3}$ | 2. | $4\frac{1}{6}$ |
| 3. | $4\frac{1}{8}$ | 4. | $5\frac{1}{10}$ |
| 5. | $3\frac{2}{5}$ | 6. | $6\frac{3}{7}$ |
| 7. | $4\frac{2}{7}$ | 8. | $11\frac{3}{8}$ |

Gold Answers

- | | | | |
|----|------------------|----|------------------|
| 1. | $4\frac{1}{13}$ | 2. | $6\frac{1}{25}$ |
| 3. | $5\frac{1}{23}$ | 4. | $3\frac{1}{19}$ |
| 5. | $2\frac{11}{31}$ | 6. | $4\frac{3}{37}$ |
| 7. | $5\frac{8}{41}$ | 8. | $10\frac{2}{67}$ |