

$$\frac{13}{35}$$

Topic..... Date.....

$$b \quad \sqrt[3]{27t^{27}}$$

$$(3^3 t^{27})^{\frac{1}{3}} \\ = 3^1 t^9 \quad \checkmark$$

$$\frac{2}{2}$$

$$17 \quad 9 \quad 7.235 //$$

$$b \quad 33 \quad 36 \quad 1 \quad \frac{1}{50} \quad \frac{157}{50} //$$

$$18 \quad -1000 + 1000 = 2000 //$$

NM

NM

$$\begin{array}{r} 314 \\ 2 \overline{) 314} \\ \underline{300} \\ 14 \end{array}$$

$$\frac{3.14}{100}$$

$$\begin{array}{r} 314 \\ 100 \overline{) 314} \\ \underline{300} \\ 14 \end{array}$$

$$\frac{314}{100}$$

$$\begin{array}{r} 157 \\ 2 \overline{) 314} \\ \underline{300} \\ 14 \end{array}$$

$$15$$

$$\frac{157}{50}$$

10 Midnight = -5°C ✓

11 $\frac{400}{65} \approx \frac{80}{13}$

= 6.15 m/s ✓

12 36: 6, 2, 3, 4, 6, 9, 12, 18

13 ~

14 ~~0.000482~~
0.00482 ✓

6 52×10^6 ✓

15 $\frac{2}{3} \div \frac{1}{5} = \frac{2}{3} \cdot \frac{5}{1} = \frac{10}{3}$
 $\frac{2}{15} \div \frac{1}{13} = \frac{2}{15} \cdot \frac{13}{1} = \frac{26}{15}$

16 $\frac{1}{8\frac{3}{4}}$ //

6 ~

NM $\frac{2}{13} \div \frac{2}{5} = \frac{1}{5}$
 $\frac{10}{15} \div \frac{19}{15} = \frac{10}{19}$

NM $\frac{17}{34} \div \frac{16}{65} = \frac{17}{34} \cdot \frac{65}{16} = \frac{1105}{896}$
 $\frac{32}{65} \div \frac{2}{5} = \frac{32}{65} \cdot \frac{5}{2} = \frac{16}{13}$
 $\frac{145}{325} \div \frac{5}{83} = \frac{145}{325} \cdot \frac{83}{5} = \frac{2431}{65}$
 $\frac{3}{365} \div \frac{3}{15} = \frac{3}{365} \cdot \frac{15}{3} = \frac{15}{365} = \frac{3}{73}$

6.15
 $\frac{65}{390} \div \frac{100}{390} = \frac{65}{100} = \frac{13}{20}$
 $\frac{13}{24} \div \frac{3}{65} = \frac{13}{24} \cdot \frac{65}{3} = \frac{845}{24}$
 $\frac{13}{26} \div \frac{3}{25} = \frac{13}{26} \cdot \frac{25}{3} = \frac{25}{6}$
 $\frac{13}{39} \div \frac{3}{9} = \frac{13}{39} \cdot \frac{9}{3} = \frac{3}{3} = 1$

Teacher's Sign

5 $8^{2/3} \times 49^{-1/2}$

$8 \times \sqrt{49}$
 $= 8 \times 7 = 56$

NM

6 $\frac{3}{4} \times \frac{6}{35} = \frac{8}{4} \times \frac{6}{35} = \frac{48}{140}$

$\frac{48}{140} = \frac{12}{35}$

7 17, 41 ✓

difference?

8 $\frac{2}{3} - \frac{1}{12} = \frac{8}{12} - \frac{1}{12} = \frac{7}{12}$ ✓

9 $9 \times 1.36 \times 10^6$ ✓
 $6 \times 5.21 \times 10^{-3}$ ✓

136

$= \frac{1}{5}$

$\begin{array}{r} 235 \\ \times 4 \\ \hline 140 \end{array}$

$\begin{array}{r} 12 \\ 4 \overline{) 48} \\ \underline{24} \\ 65 \\ \underline{40} \\ 25 \end{array}$

$\frac{1}{2}$

$\frac{1}{2}$

$\frac{2}{2}$

$\frac{2}{2}$

$\begin{array}{r} 12 \\ 3 \overline{) 36} \\ \underline{6} \\ 30 \\ \underline{30} \\ 0 \end{array}$

Teacher's Sign

1 23, 29

only one is asked

2 387×10^{-4}

NM

3 $0.45 = \frac{45}{100} = \frac{9}{20}$ ✓

NM

4 ~~$3^{-2} \times \frac{1}{27} = 81$~~
 ~~$3^{-2} \times 27 = 81$~~

~~$\frac{1}{3^2} \times 27 = 81$~~

~~$3^{-2} \times 3 = 81$~~

~~$\frac{1}{3} \times 3 = 81$~~

$$\begin{array}{r} 45 \\ \times 10 \\ \hline 00 \\ 450 \\ \hline 4500 \end{array}$$

4 $3^{-2} \times \frac{1}{27} = 81$

$3^{-2} \times 9 = 81$

NM