**Fraction Calculations Codbreaker - Answers**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| $$\frac{1}{3}$$ | $$\frac{4}{9}$$ | $$\frac{6}{7}$$ | $$\frac{1}{12}$$ | $$\frac{5}{7}$$ | $$\frac{11}{12}$$ | $$\frac{9}{10}$$ | $$\frac{3}{5}$$ | $$\frac{15}{26}$$ | $$\frac{3}{10}$$ | $$\frac{15}{21}$$ | $$\frac{9}{13}$$ | $$\frac{4}{7}$$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| $$\frac{7}{10}$$ | $$\frac{4}{5}$$ | $$\frac{29}{35}$$ | $$\frac{32}{40}$$ | $$\frac{31}{35}$$ | $$\frac{2}{5}$$ | $$\frac{2}{3}$$ | $$\frac{17}{26}$$ | $$\frac{19}{26}$$ | $$\frac{12}{18}$$ | $$\frac{8}{13}$$ | $$\frac{1}{5}$$ | $$\frac{1}{10}$$ |

Answer the questions below, giving your answer as simply as possible, link your answers to the table above to reveal why the fish crossed the road:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Simplify fully $\frac{24}{36}$ | Simplify fully $\frac{20}{25}$ | Simplify fully $\frac{18}{20}$ | Simplify fully $\frac{45}{63}$ | Simplify fully $\frac{14}{21}$ | Simplify fully $\frac{26}{39}$ | Simplify fully $\frac{64}{80}$ |
| $$\frac{2}{3}$$ | $$\frac{4}{5}$$ | $$\frac{9}{10}$$ | $$\frac{5}{7}$$ | $$\frac{2}{3}$$ | $$\frac{2}{3}$$ | $$\frac{4}{5}$$ |
| T | O | G | E | T | T | O |
|  |  |  |  |  |  |  |
| Calculate $\frac{1}{5}+\frac{7}{15}$ | Calculate $\frac{17}{20}-\frac{1}{4}$ | Calculate $\frac{1}{3}+\frac{8}{21}$ | Calculate $\frac{12}{35}÷\frac{3}{7}$ | Calculate $\frac{11}{12}-\frac{1}{4}$ | Calculate $\frac{18}{25}×\frac{5}{6}$ | Calculate $\frac{5}{9}+\frac{10}{63}$ |
| $$\frac{2}{3}$$ | $$\frac{3}{5}$$ | $$\frac{5}{7}$$ | $$\frac{4}{5}$$ | $$\frac{2}{3}$$ | $$\frac{3}{5}$$ | $$\frac{5}{7}$$ |
| T | H | E | O | T | H | E |
|  |  |  |  |  |  |  |
| Calculate $\frac{2}{7}+\frac{3}{5}$ | Calculate $\frac{8}{15}÷\frac{4}{5}$ | Calculate $\frac{12}{13}×\frac{5}{8}$ | Calculate $\frac{5}{6}-\frac{3}{4}$ | Calculate $\frac{10}{21}÷\frac{2}{3}$ |  |  |
| $$\frac{31}{35}$$ | $$\frac{2}{3}$$ | $$\frac{15}{26}$$ | $$\frac{1}{12}$$ | $$\frac{5}{7}$$ |  |  |
| R | T | I | D | E |  |  |