

a) 52 is 62 more than 3 times a number.
What is the number?

3 times a number added to 6 is 504. Find the
number.

b) What is a number if 4 added to 15 times
the number is 250?

4 more than five times a number is 12.
What is the number?

c) 12 and the product of a number and
eight is 534. What is the number?

126 is fourteen less than a number times 9.
What is the number?

d) Seven added to $\frac{2}{3}$ of a number is 108.
What is the number?

What is a number if the negative of the
number added to 423 is negative 34?

e) -5 and a four times a number is -15.
What is the number?

-35 is -12 plus a number times -5.
What is the number?

f) $3\frac{2}{5}$ and a number times $\frac{1}{2}$ is $1\frac{3}{8}$.
What is the number?

$\frac{2}{3}$ of a number is added to $3\frac{3}{8}$.
The result is $-5\frac{3}{4}$. What is the number?

g) The sum of a $\frac{3}{4}$ number and $\frac{2}{5}$ is $\frac{3}{8}$.
What is the number?

15 is the sum of the opposite of a number
and $3\frac{1}{2}$.
What is the number?

h) The difference of a number times 3 and
15 is 27. What is the number?

The difference of 45 and a $\frac{3}{4}$ of a number is
27. What is the number?

i) What is the opposite of a number that
when added to 105 sums to 24?

What number when subtracted from 45 the
result is 23?

j) $\frac{4}{5}$ of a number added to 34 is $\frac{7}{12}$.
What is the number?

8 less than $4\frac{2}{3}$ times a number is $-8\frac{3}{4}$.
What is the number?

k) 42 and five times a number is -75.
What is the number?

What number when multiplied by 6 and then
added to negative five hundred results in 34?