

NAMA: \_\_\_\_\_

TINGKATAN: \_\_\_\_\_

TARIKH: \_\_\_\_\_

## BAB 2: KEMBANGAN DAN PEMFAKTORAN

### 2.3 – Ungkapan Algebra dan Hukum Operasi Asas Aritmetik

1. Permudah setiap yang berikut.

(TP 3)

|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>a)</p> $\frac{3y}{5} + \frac{3y}{5} = \underline{\hspace{2cm}}$                                                                                                                                                                   | <p>b)</p> $\frac{3m + 2n}{m - 2n} - \frac{m - 5n}{m - 2n} = \frac{3m + 2n - (m - 5n)}{m - 2n}$ $= \frac{3m + 2n - m + 5n}{m - 2n}$ $= \underline{\hspace{2cm}}$                                                                            |
| <p>c)</p> $\frac{5}{p} - \frac{2}{p^2} = \frac{5 \times p}{p \times p} - \frac{2}{p^2}$ $= \frac{\hspace{1cm}}{p^2} - \frac{2}{p^2}$ $= \underline{\hspace{2cm}}$                                                                    | <p>d)</p> $\frac{2s}{3} - \frac{4s}{9} = \frac{2s \times 3}{3 \times 3} - \frac{4s}{9}$ $= \underline{\hspace{1cm}} - \frac{4s}{9}$ $= \underline{\hspace{2cm}}$                                                                           |
| <p>e)</p> $\frac{3u}{4} - \frac{5v}{3} = \frac{3u \times 3}{4 \times 3} - \frac{5v \times 4}{3 \times 4}$ $= \underline{\hspace{1cm}} - \underline{\hspace{1cm}}$ $= \underline{\hspace{2cm}}$ <p style="text-align: center;">12</p> | <p>f)</p> $\frac{1}{6s} - \frac{2}{5t} = \frac{1 \times 5t}{6s \times 5t} - \frac{2 \times 6s}{5t \times 6s}$ $= \underline{\hspace{1cm}} - \underline{\hspace{1cm}}$ $= \underline{\hspace{2cm}}$ <p style="text-align: center;">30st</p> |