

| NEW SOUTH WALES |
|---------------------------------------|
| a) 19+144 |
| 231-144 |
| = 153 |
| \$7 |
| * = 1.33 |
| 6) 2+3 = 2. |
| x+3<2 or -x-3<2 |
| xx-1 -x<5 |
| 27-5 |
| 0000000000000000000000000000000000000 |
| $(2) x^2 - 2x - 8 = 0$ |
| (x+2)(x-4)=0 |
| 2c=-2 or $2e=4$. |
| $d)\int_{3}^{3} + \frac{1}{2}dx$ |

$$\frac{d)\int_{3}^{3} + \frac{1}{2} dx}{= \int_{3}^{3} + x^{-1} dx}$$

$$= 3x + \ln x + C$$

$$\frac{e)}{\chi^2 - 4} + \frac{2}{\chi - 2}$$

$$= \chi(\chi-2) + 2(\chi^2-4)$$

$$(\chi^2-4)(\chi-2) + (\chi^2-4)(\chi-2) = 0$$

PTO.



| e) conte |
|-------------------------------------|
| $-x^2-2x$ + $2x^2-8$ |
| $(x^2-4)(x-2)$ $(x^2-4)(x-2)$ |
| $=3x^2-2x-8$ |
| $(2^{2}-4)(2c-2)$ |
| $=3x^{2}-2x-8$ |
| $\chi^{3} = 2\chi^{2} - 4\chi + 8$ |
| f) \$979 Pac. 10% tax; Orig. price? |
| 979 × 100 |
| 110 |
| = \$890 is the original price. |
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