

Weekly Home Study Package – Year 7

WORKSHEET SOLUTION – SET 3

SUBJECT: Mathematics

1.

a) $n + 4 = 10$ $n = 10 - 4$ <u>n = 6</u>	b) $m - 5 = 6$ $m = 6 + 5$ <u>m = 11</u>	c) $7b = 56$ $b = 56 \div 7$ <u>b = 8</u>
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2.

a) $2x + 1 = 7$ $2x = 7 - 1$ $2x = 6$ $x = 6 \div 2$ <u>x = 3</u>	b) $2a + 7 = 11$ $2a = 11 - 7$ $2a = 4$ $a = 4 \div 2$ <u>a = 2</u>	c) $2x - 3 = 5$ $2x = 5 + 3$ $2x = 8$ $x = 8 \div 2$ <u>x = 4</u>
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3.

a) $\frac{3x + 5}{4} = 8$ $3x + 5 = 8 \times 4$ $3x + 5 = 32$ $3x = 32 - 5$ $3x = 27$ $x = 27 \div 3$ <u>x = 9</u>	b) $\frac{2y - 6}{5} = 4$ $2y - 6 = 4 \times 5$ $2y - 6 = 20$ $2y = 20 + 6$ $2y = 26$ $y = 26 \div 2$ <u>y = 13</u>	c) $\frac{4z - 1}{9} = 3$ $4z - 1 = 3 \times 9$ $4z - 1 = 27$ $4z = 27 + 1$ $4z = 28$ $z = 28 \div 4$ <u>z = 7</u>
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SUBJECT: English

1. ran
2. beat
3. seems
4. beaten
5. running

SUBJECT: Basic Science

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|-----------------------------|---|
| 1. (i) <u>solute</u> | (ii) <u>solvent</u> |
| 2. (i) <u>coffee</u> | (ii) <u>water</u> |
| 3. (i) <u>salt solution</u> | (ii) <u>sugar solution</u> (Answers may vary) |
| 4. <u>saturated</u> | 5. <u>dilute</u> |

SUBJECT: Social Science

1. The leader of the party with a majority of members in parliament becomes Prime Minister.
2. The Presidents of Fiji were selected by the Great Council of Chiefs before the 2013 Constitution.
3. Hon. Major General Joji Konrote as the President of Fiji in 2015 by the parliament.

SUBJECT: Healthy Living

1. Referent Power.
2. (a) Empowerment means the authority or power given to someone to do something. It also means the process of becoming stronger and more confident.
(b) Empowerment helps making an individual strong and capable of controlling one's life and claiming one's rights.
(c) It can give power to individuals to be more confident in life. (Answers may vary)

SUBJECT: Hindi (Set 3 Answers ONLY)

1. सुदामा को अपने गाँव से द्वारका नगरी पहुँचने में एक ही दिन लगा था ।
2. द्वारका नगरी के बीच खड़े होकर, सुदामा को ऐसा लगा जैसे वह कोई अजीब बेढंगा आदमी हो ।
3. सुदामा को कृष्ण के महल का पता पास से गुजरते हुए एक आदमी से चला ।
4. द्वारपाल ने सुदामा को इस लिए रोका था कि वह यह जान सके कि सुदामा कौन है और कृष्ण क्यों मिलना चाहता है ।

Mr. D. Kumar
[Grade 7 Teacher]