

VISUAL 8.3 ▲ Answers to Activity 8.2

1. Calculate the lifetime of earnings and record the amount in the 40-Year column:

Name	Zone	Income	40 Years	Name	Zone	Earnings	Income	40 Years
Hannah	I	\$11,000	\$440,000	Sara	III	\$10.75	\$21,500	\$ 860,000
Shingo	I	\$11,500	\$460,000	Manuel	III	\$10.75	\$21,500	\$ 860,000
Skyler	I	\$12,000	\$480,000	Kaydee	III	\$11.00	\$22,000	\$ 880,000
Jared	I	\$12,500	\$500,000	Ian	III	\$11.25	\$22,500	\$ 900,000
Kayla	I	\$13,000	\$520,000	Sherice	III	\$11.50	\$23,000	\$ 920,000
Kyle	I	\$14,000	\$560,000	Devon	III	\$11.75	\$23,500	\$ 940,000
Kali	I	\$14,500	\$580,000	Tabetha	III	\$12.00	\$24,000	\$ 960,000
Dylan	I	\$15,000	\$600,000	Levi	III	\$12.25	\$24,500	\$ 980,000
Sabrina	II	\$17,000	\$680,000	Jaselle	IV	\$15.00	\$30,000	\$1,200,000
Demitri	II	\$17,500	\$700,000	Newt	IV	\$15.25	\$30,500	\$1,220,000
Mackenzie	II	\$18,000	\$720,000	Felicia	IV	\$16.00	\$32,000	\$1,280,000
Miguel	II	\$18,500	\$740,000	Cesar	IV	\$16.25	\$32,500	\$1,300,000
Tatiana	II	\$19,000	\$760,000	Banessa	IV	\$16.50	\$33,000	\$1,320,000
Chan	II	\$20,000	\$800,000	Zach	IV	\$17.00	\$34,000	\$1,360,000
Kira	II	\$20,500	\$820,000	Mikaela	IV	\$17.25	\$34,500	\$1,380,000
Juan	II	\$21,000	\$840,000	Ivan	IV	\$17.50	\$35,000	\$1,400,000

2. Calculate the mean lifetime of earnings for each zone and record the amounts below:
 Zone I: \$517,500
 Zone II: \$757,500
 Zone III: \$912,500
 Zone IV: \$1,307,500
3. What is the difference in mean earnings, over 40 years, from Zone I to Zone II? \$240,000
4. What is the difference in mean earnings, over 40 years, from Zone II to Zone III? \$155,000
5. What is the difference in mean earnings, over 40 years, from Zone III to Zone IV? \$395,000
6. What is the difference in mean earnings, over 40 years, from Zone I to Zone IV? \$790,000
7. What is the value of graduating from high school? \$240,00