



**湖南商务职业技术学院**  
*Hunan Vocational College of Commerce*

**三年制高职  
专业人才培养方案**

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附件 1:

### 2020 级专业人才培养方案制订与审核表

|           |   |
|-----------|---|
| 专业名称      | 移动互联应用技术专业  |
| 专业代码      | 610115  |
| 专业建设委员会   | 培养目标定位准确，课程体系设置合理，符合现代企业人才培养需求。<br>成员: 姜振峰, 马跃, 陆春明, 周伟奇, 柳馨, 姜振峰, 马跃, 陆春明, 周伟奇, 柳馨 |
| 签名:       | 柳馨<br>2020 年 4 月 10 日   |
| 人才培养方案论证会 | 人才培养方案符合现代企业要求。<br>姜振峰, 马跃, 陆春明, 柳馨, 陆春明  |
| 级党组织会议审定  | 人才培养方案符合上级相关文件精神及学校实际情况。<br>陆春明<br>2020 年 7 月 27 日                                  |
| 备注        |   |





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| 61 | 6101 | 65 | L 2-02-10-06<br>4-04-05-01 | 1.<br>2.<br>3.<br>4. | 1.<br>2 |

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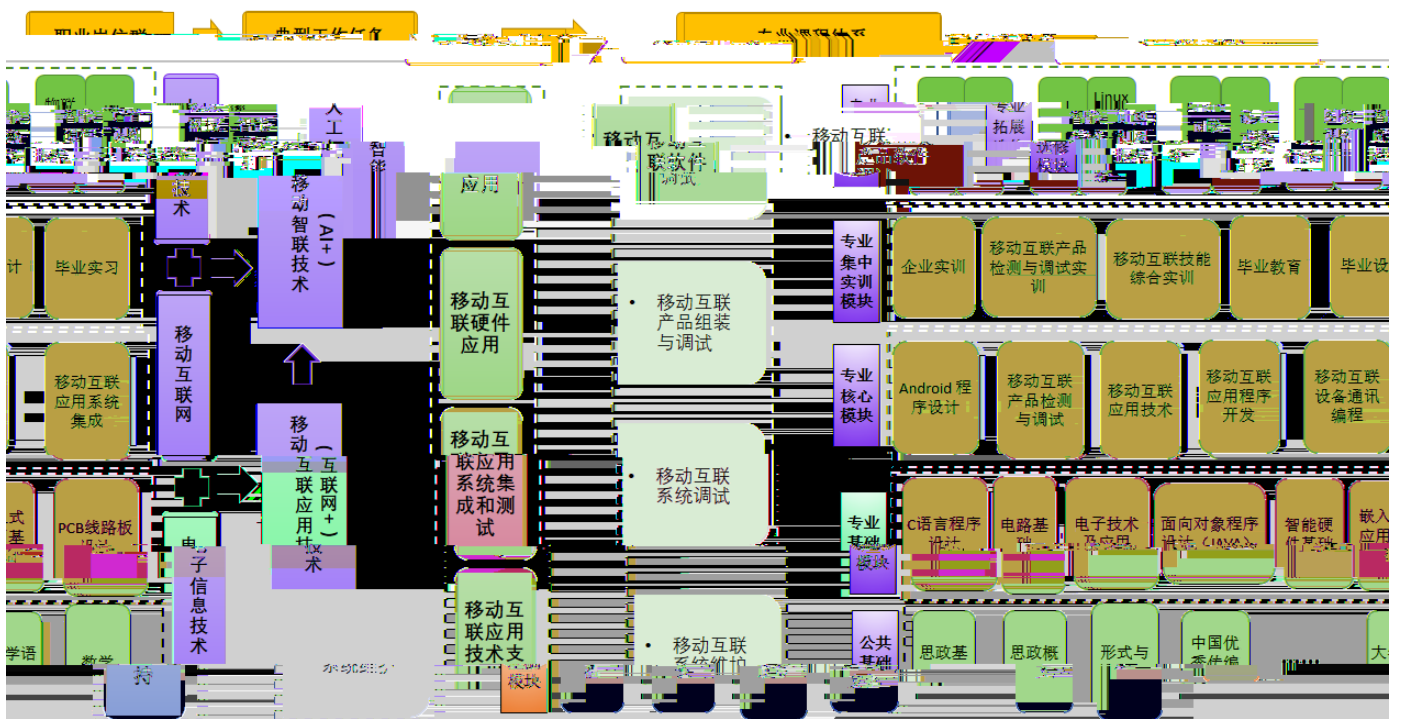
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|  |  | 1.<br>2.<br>3.<br>4.<br>5. | Android |
|  |  | 1.<br>2.                   |         |
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|   |  |     |     |  |  |  |
|---|--|-----|-----|--|--|--|
|   |  |     |     |  |  |  |
| 1 |  | 1   | 28  |  |  |  |
| 2 |  | 3   | 28  |  |  |  |
| 3 |  | 5   | 112 |  |  |  |
| 4 |  | 5-6 | 672 |  |  |  |
| 5 |  | 5-6 | 28  |  |  |  |

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|     |         |   |       |   |     |
|     |         | 2 | 3     | 1 | 5   |
| PCB | PCB PCB | 2 | 1 PCB | 1 | PCB |
|     |         | 2 | 3     | 1 |     |
|     |         | 2 | 2     | 1 | 4   |
|     |         | 2 | 2 3   | 1 | 4   |
|     |         | 4 | 3 2   | 1 | 3   |

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|---|--|-------------------|---------|
|   |  |                   |         |
| 1 |  |                   | 50      |
|   |  |                   | 50      |
| 2 |  |                   | 50      |
|   |  | STM32             | 50      |
|   |  | GPRS Wi-Fi ZigBee |         |
| 3 |  | Android           | 50      |
|   |  | Wi-Fi             | Android |
|   |  |                   | 50      |

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Android  
 1 ZigBee  
 Wi-Fi  
 ZigBee Wi

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|   |  |  |         |    |
|---|--|--|---------|----|
|   |  |  |         |    |
| 1 |  |  |         | 50 |
| 2 |  |  | Android | 50 |

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|  | 3  |    |    |    |    |    |    |     |
|  | 4  |    |    |    |    |    |    |     |
|  | 5  |    |    |    |    |    |    |     |
|  | 6  |    |    |    |    |    |    |     |
|  | 7  |    |    |    |    |    |    |     |
|  | 8  |    |    |    |    |    |    |     |
|  | 9  |    |    |    |    |    |    |     |
|  | 10 |    |    |    |    |    |    |     |
|  | 11 |    |    |    |    |    |    |     |
|  | 12 |    |    |    |    |    |    |     |
|  | 13 |    |    |    |    |    |    |     |
|  | 14 |    |    |    |    |    |    |     |
|  | 15 |    |    |    |    |    |    |     |
|  | 16 |    |    |    |    |    |    |     |
|  | 17 |    |    |    |    |    |    |     |
|  | 18 |    |    |    |    |    |    |     |
|  | 19 |    |    |    |    |    |    |     |
|  | 20 |    |    |    |    |    |    |     |
|  | 21 |    |    |    |    |    |    |     |
|  | 22 |    |    |    |    |    |    |     |
|  | 23 |    |    |    |    |    |    |     |
|  | 24 |    |    |    |    |    |    |     |
|  | 25 |    |    |    |    |    |    |     |
|  | 26 |    |    |    |    |    |    |     |
|  | 27 |    |    |    |    |    |    |     |
|  |    | 17 | 18 | 18 | 19 | 10 | 0  | 82  |
|  |    | 2  | 0  | 0  | 0  | 0  | 0  | 2   |
|  |    | 1  | 0  | 1  | 0  | 4  | 0  | 6   |
|  |    | 0  | 0  | 0  | 0  | 9  | 15 | 24  |
|  |    | 1  | 1  | 1  | 1  | 1  | 1  | 6   |
|  |    | 21 | 19 | 20 | 20 | 24 | 16 | 120 |
|  |    | 5  | 7  | 6  | 7  | 0  |    | 25  |
|  |    | 26 | 26 | 26 | 27 | 24 | 16 | 145 |
|  |    |    |    |    |    |    |    |     |

|    |         |   |      |     |     | 1   | 2    | 3    | 4   | 5    | 6 |   |
|----|---------|---|------|-----|-----|-----|------|------|-----|------|---|---|
|    |         |   |      |     |     | 17  | 18   | 18   | 19  | 10   | 0 |   |
| 1  | 0601025 | A | 3.0  | 48  | 48  |     | 3    |      |     |      |   | 1 |
| 2  | 0601024 | A | 3.0  | 48  | 48  |     |      | 4*12 |     |      |   | 2 |
| 3  | 0601046 | C | 1.0  | 16  |     | 16  |      | 4*4  |     |      |   | 2 |
| 4  | 0601028 | A | 1.0  | 40  | 40  |     | 2*4  | 2*4  | 2*4 | 2*4  |   | 5 |
| 5  | 0801001 | C | 2.0  | 112 |     | 112 | 2    |      |     |      |   |   |
| 6  | 0801215 | A | 2.0  | 36  | 36  |     |      |      |     | 4    |   | 5 |
| 7  | 0603001 | B | 2.0  | 32  | 4   | 28  | 2*16 |      |     |      |   | 1 |
| 8  | 0603002 | B | 2.0  | 32  | 4   | 28  |      | 2*16 |     |      |   | 2 |
| 9  | 0603003 | B | 2.0  | 32  | 4   | 28  |      |      | 2*1 |      |   | 3 |
| 10 | 0603004 | B | 1.0  | 16  | 4   | 12  |      |      |     | 1*16 |   | 4 |
| 11 | 0601039 | A | 2.0  | 32  | 32  |     |      |      |     | 2    |   | 4 |
| 12 | 0601070 | A | 1.0  | 16  | 16  |     | 2*8  |      |     |      |   | 1 |
| 13 | 0601071 | A | 1.0  | 16  | 16  |     |      |      |     | 2*8  |   | 4 |
| 14 | 0801080 | A | 2.0  | 32  | 32  |     |      | 2*8  |     |      |   | 2 |
| 15 | 0801216 | A | 1.0  | 16  | 16  |     |      | 2*8  |     |      |   | 2 |
| 16 | 0801217 | C | 1.0  | 28  |     | 28  |      |      |     |      |   | 5 |
|    |         |   | 27.0 | 552 | 300 | 252 | 7    | 8    | 0   | 2    | 4 |   |
| 17 | 0601072 | A | 1.0  | 16  | 16  |     |      |      |     |      |   | 2 |
| 18 | 0601069 | A | 1.0  | 16  | 16  |     |      | 1    |     |      |   | 2 |
| 19 | 0201241 | A | 2.0  | 32  | 32  |     |      |      |     |      |   | 1 |
| 20 | 0201232 | A | 1.0  | 16  | 16  |     |      |      |     |      |   | 1 |
| 21 | 0201039 | A | 3.0  | 48  | 48  |     |      |      |     |      |   |   |

iáb 3C \*áb 3% áb 3—HB^B.áb 3 H5Ä ¼ a 6&Sa Sa ó t.%~ . —f bL€áb 2x /F9à F sbbF F Ý' ðu uà7R w 3c Ä+Xh'a 9a & 7/2 .áb & fuÄz ! aC7\ \*áb & 47ä

|   |      |  |   |             | / / / / /  |            |            |          |           |           |           |          |          |  |
|---|------|--|---|-------------|------------|------------|------------|----------|-----------|-----------|-----------|----------|----------|--|
|   |      |  |   |             |            |            |            |          |           |           |           |          |          |  |
|   |      |  |   |             |            |            |            |          |           |           |           |          |          |  |
|   |      |  |   |             |            | 17         | 18         | 18       | 19        | 10        | 0         |          |          |  |
| 1 | C    |  | B | 4           | 64         | 14         | 50         | 4        |           |           |           |          | 1        |  |
| 2 |      |  | B | 4           | 64         | 14         | 50         | 4        |           |           |           |          | 1        |  |
| 3 |      |  | B | 4           | 64         | 14         | 50         |          | 4         |           |           |          | 2        |  |
| 4 | JAVA |  | B | 4.5         | 72         | 20         | 52         |          | 4         |           |           |          | 2        |  |
| 5 |      |  | B | 4           | 64         | 14         | 50         |          | 4         |           |           |          | 2        |  |
| 6 |      |  | B | 4.5         | 72         | 20         | 52         |          |           | 6         |           |          | 3        |  |
| 7 | PCB  |  | B | 4           | 64         | 12         | 52         |          |           | 4         |           |          | 3        |  |
|   |      |  |   | 29.0        | 464        | 108        | 356        | 8        | 12        | 10        | 0         | 0        | 0        |  |
| 1 |      |  | B | 4.5         | 72         | 22         | 50         |          |           | 6         |           |          | 3        |  |
| 2 |      |  | B | 4.5         | 72         | 20         | 52         |          |           | 4         |           |          | 3        |  |
| 3 |      |  | B | 4           | 64         | 18         | 46         |          |           | 4         |           |          | 4        |  |
| 4 |      |  | B | 4.5         | 72         | 12         | 60         |          |           | 4         |           |          | 4        |  |
| 5 |      |  | B | 4           | 64         | 18         | 46         |          |           | 4         |           |          | 4        |  |
| 6 |      |  | B | 4           | 64         | 16         | 48         |          |           | 4         |           |          | 4        |  |
|   |      |  |   | 25.5        | 408        | 106        | 302        | 0        | 0         | 10        | 16        | 0        | 0        |  |
|   |      |  |   | <b>54.5</b> | <b>872</b> | <b>214</b> | <b>658</b> | <b>8</b> | <b>12</b> | <b>20</b> | <b>16</b> | <b>0</b> | <b>0</b> |  |

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0.5

|    |  |  |   |     |      |    | / / / / |   |   |   |   |      |     |   |
|----|--|--|---|-----|------|----|---------|---|---|---|---|------|-----|---|
|    |  |  |   |     |      |    |         |   |   |   |   |      |     |   |
|    |  |  |   |     |      |    | 1       | 2 | 3 | 4 | 5 | 6    |     |   |
| 1  |  |  | B | 4   | 64   | 14 | 50      |   |   |   | 4 |      |     | 4 |
| 2  |  |  | B | 4   | 64   | 20 | 44      |   |   |   | 4 |      |     | 4 |
| 3  |  |  | B | 2.5 | 40   | 10 | 30      |   |   |   |   | 4    |     | 5 |
| 4  |  |  | B | 2.5 | 40   | 10 | 30      |   |   |   |   | 4    |     | 5 |
| 5  |  |  | B | 3.5 | 56   | 20 | 36      |   |   |   |   | 6    |     | 5 |
| 6  |  |  | B | 3.5 | 56   | 20 | 36      |   |   |   |   | 6    |     | 5 |
| 7  |  |  | B | 2.5 | 40   | 10 | 30      |   |   |   |   | 4    |     | 5 |
| 8  |  |  | B | 2.5 | 40   | 10 | 30      |   |   |   |   | 4    |     | 5 |
| 9  |  |  | B | 2.5 | 40   | 10 | 30      |   |   |   |   | 4    |     | 5 |
| 10 |  |  | B | 2.5 | 40   | 10 | 30      |   |   |   |   | 4    |     | 5 |
|    |  |  |   | 15  | 240  | 67 | 173     | 0 | 0 | 0 | 4 | 18   | 0   |   |
|    |  |  | C | 1   | 28   | 0  | 28      | 1 |   |   |   |      |     |   |
|    |  |  | C | 1   | 28   | 0  | 28      |   |   | 1 |   |      |     |   |
|    |  |  | C | 4   | 112  | 0  | 112     |   |   |   |   | 4    |     |   |
|    |  |  | C |     |      |    |         |   |   |   |   |      |     |   |
|    |  |  | C | 6   | 28   | 0  | 28      |   |   |   |   | 0.5  | 0.5 | 6 |
|    |  |  | C | 24  | 672  | 0  | 672     |   |   |   |   | 9    | 15  | 6 |
|    |  |  |   | 36  | 868  | 0  | 868     | 1 | 0 | 1 | 0 | 13.5 | 16  |   |
|    |  |  |   | 51  | 1108 | 67 | 1041    |   |   |   |   |      |     |   |

|  | 7  | 2 | 8  | 0 | 0  | 0 | 2  | 0 | 4  | 0    | 0 | 0    | 300 | 252  | 552  |  |  |  |
|--|----|---|----|---|----|---|----|---|----|------|---|------|-----|------|------|--|--|--|
|  | 8  | 0 | 6  | 0 | 0  | 0 | 0  | 0 | 0  | 0    | 0 | 0    | 188 | 44   | 232  |  |  |  |
|  | 0  | 0 | 0  | 0 | 0  | 0 | 0  | 0 | 0  | 0    | 0 | 0    | 64  | 0    | 64   |  |  |  |
|  | 8  | 0 | 12 | 0 | 20 | 0 | 16 | 0 | 0  | 0    | 0 | 0    | 214 | 658  | 872  |  |  |  |
|  |    | 1 |    | 0 |    | 1 |    | 0 |    | 13.5 |   | 15.5 | 0   | 868  | 868  |  |  |  |
|  | 0  | 0 | 0  | 0 | 0  | 0 | 4  | 0 | 18 | 0    | 0 | 0    | 67  | 173  | 240  |  |  |  |
|  | 23 | 2 | 26 | 0 | 20 | 0 | 22 | 0 | 22 | 0    | 0 | 0    | 833 | 1995 | 2828 |  |  |  |

30.0%

19.0%

70.5%

151.0

|    |      | 1       | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|----|------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  |      | 48      |    | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  |    |    |    |
| 2  |      | 8 hours |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 3  |      | 112     | 56 | 56 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 4  |      | 32      |    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 5  |      | 16      |    |    |    |    |    |    |    |    |    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 6  |      | 48      |    | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  |
| 7  |      | 48      |    | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  |
| 8  |      | 32      |    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 9  |      | 4 hours |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10 | C    | 64      |    | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
| 11 |      | 64      |    | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
| 12 |      | 28      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 28 |    |
|    |      |         | 56 | 56 | 22 | 20 | 22 | 20 | 22 | 20 | 22 | 20 | 24 | 22 | 24 | 22 | 24 | 22 | 24 | 22 | 28 | 0  |
| 1  |      | 64      | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
| 2  |      | 8 hours |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 3  |      | 32      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 4  |      | 16      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 5  |      | 16      |    |    |    |    |    |    |    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 6  | /    | 16      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 1  |
| 7  |      | 32      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 8  | /    | 40      |    | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 1  |
| 9  | /    | 4 hours |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10 |      | 64      | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
| 11 | JAVA | 72      | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
| 12 |      | 64      | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
|    |      |         | 24 | 24 | 28 | 26 | 28 | 26 | 28 | 26 | 26 | 24 | 26 | 24 | 26 | 24 | 26 | 22 | 4  | 4  | 4  | 4  |

|  |   |         | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |   |
|--|---|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
|  | 1 | 8 hours |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|  | 2 | 32      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    |    |   |
|  | 3 | 72      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |    |    |    |    |    |    |    |    |    |   |
|  | 4 | PCB     | 64 | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |    |    |    |    |   |
|  | 5 | Android | 72 | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |    |    |    |    |    |    |    |    |    |   |
|  | 6 |         | 72 | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |    |   |
|  | 7 |         | 28 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 28 |    |   |
|  |   |         |    | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 10 | 10 | 10 | 10 | 4  | 4  | 28 |    |   |
|  | 1 | 8 hours |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|  | 2 | 16      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |    |    |    |    |    |   |
|  | 3 | ( )     | 16 | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|  | 4 |         | 32 | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    |    |   |
|  | 5 |         | 64 | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |    |    |    |    |   |
|  | 6 |         | 72 | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |    |   |
|  | 7 |         | 64 | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |    |    |    |    |   |
|  | 8 |         | 64 | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |    |    |    |    |   |
|  | 9 | /       | 64 | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |    |    |    | 2  | 1 |
|  |   |         |    | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 4  | 4  |    |    |    |   |





