



**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**

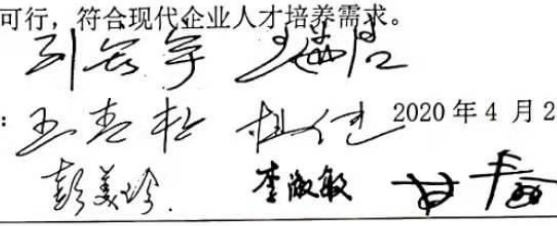
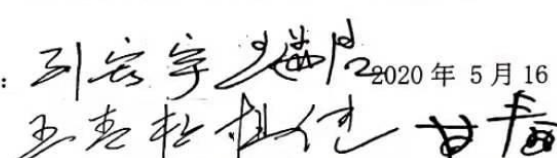
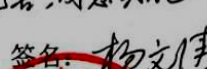
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## 2020 级专业人才培养方案制订与审核表

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| 专业名称      | 投资与理财  |
| 专业代码      | 630206   |
| 专业建设委员会   | <p style="text-align: center;">人才培养目标定位准确，课程体系设置合理，实施保障切实可行，符合现代企业人才培养需求。</p> <p style="text-align: center;"> <br/>                     签名：王惠松 杜付 彭美珍 李淑敏 甘香 2020年4月25日                 </p> |
| 人才培养方案论证会 | <p style="text-align: center;">人才培养方案符合现代企业人才培养需求。</p> <p style="text-align: center;"> <br/>                     签名：王惠松 杜付 甘香 2020年5月16日                 </p>                               |
| 学术委员会     | <p style="text-align: center;">人才培养目标清晰，课程体系和教学进程合理，实施保障完善，同意实施</p> <p style="text-align: center;"> <br/>                     签名：杨文涛 2020年5月22日                 </p>                        |











**1**

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|    |      |    |         |                                  |                      |
| 63 | 6302 | 66 | 2-07-01 | 1.<br>2.<br>3.<br>4.<br>5.<br>6. | 1.<br>2.<br>3.<br>4. |
|    |      | 67 | 2-07-03 |                                  |                      |
|    |      | 68 | 2-07-02 | 1.<br>2.<br>3.<br>4.             | 1.<br>2.             |







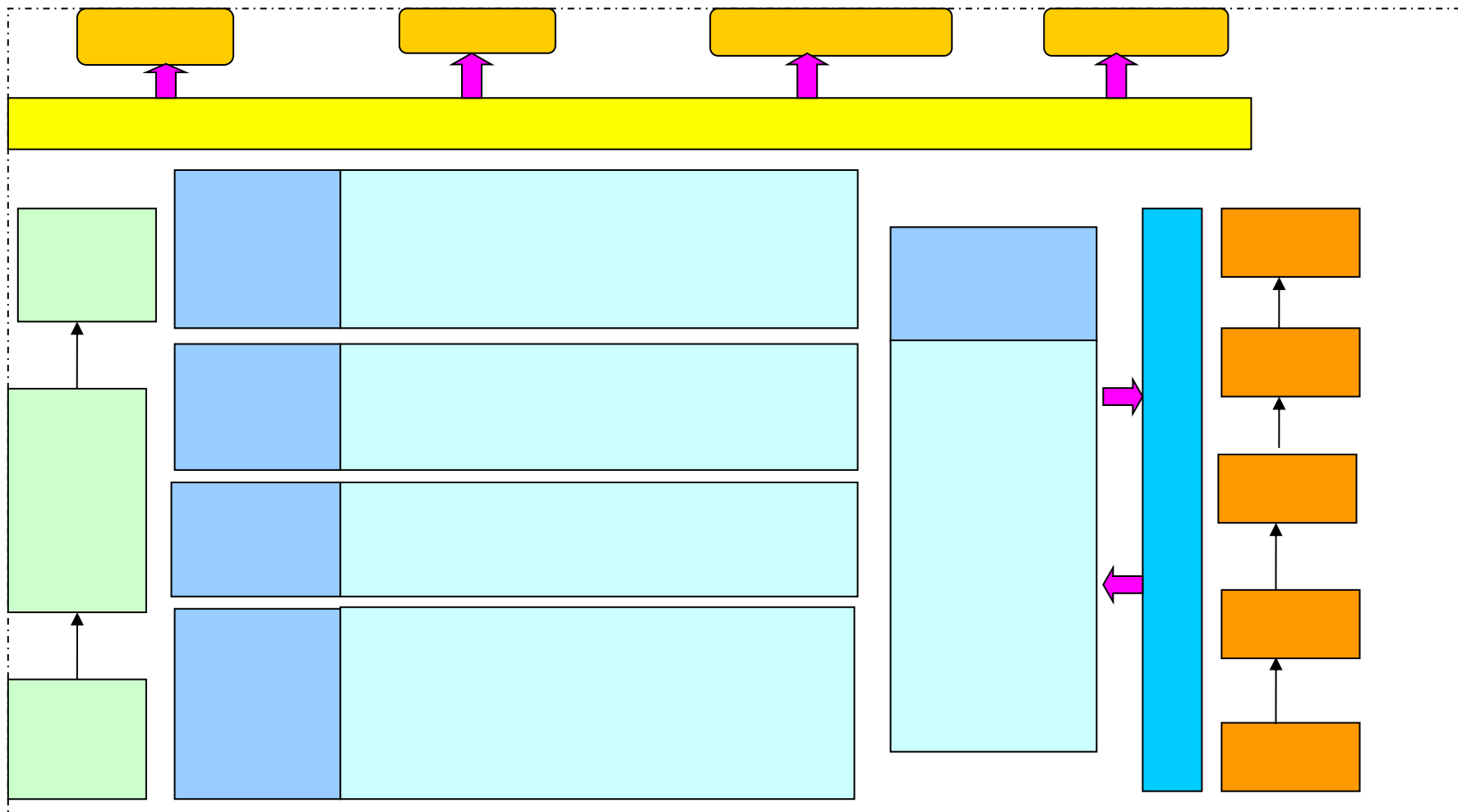






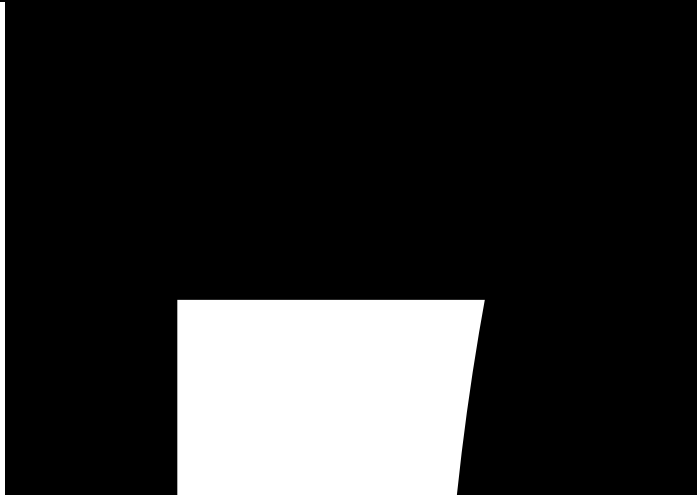

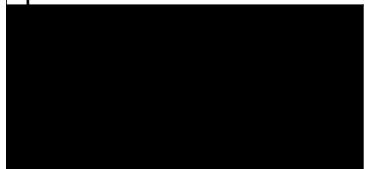











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|  |  |  |  |  |  | <p>以学生为主体，实施以“教、学，做一体化”和“项目导向、任务驱动”的教学模式，使学生对经济学的基本问题和基本观点有比较全面的认识，掌握风险投资学的基本概念、基本思想、基本分析方法和基本理论，为从事实际证券投资分析工作打下坚实的业务基础。</p> |
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|      | 45.5  | 848  | 30.97% | 16.7% |
|------|-------|------|--------|-------|
|      | 30.5  | 488  | 17.02% |       |
|      | 18.5  | 296  | 10.81% |       |
|      | 39    | 952  | 34.77% |       |
|      | 11    | 176  | 6.43%  |       |
|      | 144.5 | 2738 |        |       |
|      | 2738  | 1246 | 45.5%  |       |
| 1492 | 54.5% |      |        |       |











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|  | 13 |    |    |     |    |    |    |     |
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|  | 15 |    |    |     |    |    |    |     |
|  | 16 |    |    |     |    |    |    |     |
|  | 17 |    |    |     |    |    |    |     |
|  | 18 |    |    |     |    |    |    |     |
|  | 19 |    |    |     |    |    |    |     |
|  | 20 |    |    |     |    |    |    |     |
|  | 21 |    |    |     |    |    |    |     |
|  | 22 |    |    |     |    |    |    |     |
|  | 23 |    |    |     |    |    |    |     |
|  | 24 |    |    |     |    |    |    |     |
|  | 25 |    |    |     |    |    |    |     |
|  | 26 |    |    |     |    |    |    |     |
|  | 27 |    |    |     |    |    |    |     |
|  |    | 17 | 18 | 17  | 18 | 8  | 0  | 78  |
|  |    | 2  | 0  | 0   | 0  | 0  | 0  | 2   |
|  |    | 1  | 0  | 2   | 1  | 6  | 0  | 10  |
|  |    | 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. | 6  |    | 120 |    |    |    |     |
|  | 2. |    |    |     |    |    |    |     |
|  | 3. |    | 6  |     |    |    |    |     |

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|-----|---------|---------|-----|------|-----|-------|-----|------|------|------|------|-----|----|----|----|---|---|--|--|
|     |         |         |     |      |     |       |     |      |      |      |      |     |    |    |    |   |   |  |  |
|     |         |         |     |      |     | 1     | 2   | 3    | 4    | 5    | 6    | 17  | 18 | 17 | 18 |   |   |  |  |
| 1   |         | 0601025 | A   | 3.0  | 48  | 48    |     |      | 3    |      |      |     |    |    | 2  |   |   |  |  |
| 2   |         | 0601024 | A   | 3.0  | 48  | 48    |     | 4*12 |      |      |      |     |    | 1  |    |   |   |  |  |
| 3   |         | 0601046 | A   | 1.0  | 16  |       | 16  | 4*4  |      |      |      |     |    |    |    | 1 |   |  |  |
| 4   |         | 0601028 | A   | 1.0  | 40  | 40    |     | 2*4  | 2*4  | 2*4  | 2*4  | 2*4 |    |    |    | 5 |   |  |  |
| 5   |         | 0801001 | C   | 2.0  | 112 |       | 112 | 2    |      |      |      |     |    |    |    |   |   |  |  |
| 6   |         | 0801215 | A   | 2.0  | 36  | 36    |     |      |      | 2    |      |     |    |    |    | 4 |   |  |  |
| 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*16 |      |     |    |    |    | 3 |   |  |  |
| 10  |         | 0603004 | B   | 1.0  | 16  | 4     | 12  |      |      |      | 1*16 |     |    |    |    | 4 |   |  |  |
| 11  |         | 0601039 | A   | 2.0  | 32  | 32    |     | 2    |      |      |      |     |    |    |    | 1 |   |  |  |
| 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  |      |     |    |    |    | 3 |   |  |  |
| 15  |         | 0801216 | B   | 1.0  | 16  | 16    |     | 2*8  |      |      |      |     |    |    |    | 1 |   |  |  |
| 16  |         | 0801217 | B   | 1.0  | 28  |       | 28  |      |      |      |      |     |    |    |    | 5 |   |  |  |
|     |         |         |     | 27.0 | 552 | 300   | 252 | 10   | 5    | 4    | 5    | 0   |    |    |    |   |   |  |  |
| )   | 17      | 0601072 | A   | 1.0  | 16  | 16    |     |      | 1    |      |      |     |    |    |    | 2 |   |  |  |
|     | 18      | 0601069 | A   | 1.0  | 16  | 16    |     |      | 1    |      |      |     |    |    |    | 2 |   |  |  |
|     | 19      | 0201241 | A   | 2.0  | 32  | 32    |     |      | 2    |      |      |     |    |    |    | 2 |   |  |  |
|     | 20      | 0201232 | A   | 1.0  | 16  | 16    |     |      | 1    |      |      |     |    |    |    | 2 |   |  |  |
|     | 21      | 0201039 | A   | 3.0  | 48  | 48    |     |      | 3    |      |      |     |    |    |    | 2 |   |  |  |
|     | 22      | 0201039 | A   | 3.0  | 48  | 48    |     |      | 3    |      |      |     |    |    |    | 2 |   |  |  |
|     | 23      | 0203001 | B   | 2.0  | 32  | 24    | 8   | 2    |      |      |      |     |    |    |    | 1 |   |  |  |
|     | 24      | 0203002 | B   | 2.0  | 32  | 24    | 8   |      | 2    |      |      |     |    |    |    | 2 |   |  |  |
|     | 25      | 0602013 | A   | 3.0  | 48  | 48    |     |      | 3    |      |      |     |    |    |    |   | 2 |  |  |
|     | 26      | 0602001 | A   | 3.0  | 48  | 48    |     |      | 3    |      |      |     |    |    |    |   | 2 |  |  |
|     | 27      | 0602023 | A   | 3.0  | 48  | 48    |     |      | 3    |      |      |     |    |    |    |   | 2 |  |  |
|     | 28      | 0401001 | B   | 2.5  | 40  | 20    | 20  | 3    |      |      |      |     |    |    |    |   | 1 |  |  |
|     | 29      | 0401129 | B   | 2.5  | 40  | 20    | 20  | 3    |      |      |      |     |    |    |    |   | 1 |  |  |
|     | 30      | 0801080 | B   | 1.0  | 16  | 8     | 8   | 2*4  | 2*4  |      |      |     |    |    |    |   | 2 |  |  |
| 31  | 0801217 | A       | 1.0 | 16   | 16  |       |     |      |      |      |      |     |    |    |    | 2 |   |  |  |
|     |         |         |     | 14.5 | 232 | 188   | 44  | 5    | 9    | 0    | 0    | 0   | 0  |    |    |   |   |  |  |
| 1   |         |         |     |      |     |       |     |      |      |      |      |     |    |    |    |   |   |  |  |
| 2   |         |         |     |      |     |       |     |      |      |      |      |     |    |    |    |   |   |  |  |
|     |         |         |     | 4.0  | 64  | 64    |     | 0    | 0    | 2    | 2    | 0   | 0  |    |    |   |   |  |  |
|     |         |         |     | 45.5 | 848 | 552   | 296 | 15   | 14   | 6    | 7    | 0   | 0  |    |    |   |   |  |  |
| A   |         |         |     | B    |     |       |     | +    |      |      |      | C   |    |    |    |   |   |  |  |
| 2*4 |         |         |     | 2    |     |       |     | 4    |      |      |      |     |    |    |    |   |   |  |  |
|     |         |         |     | 15   |     |       |     |      |      |      |      |     |    |    |    |   |   |  |  |
|     |         |         |     | 16   |     |       |     | 16   |      |      |      |     |    |    |    |   |   |  |  |
|     |         |         |     |      |     |       |     | 4    |      |      |      |     |    |    |    |   |   |  |  |
|     |         |         |     | 1-2  |     |       |     |      |      |      |      |     |    |    |    |   |   |  |  |

|    |    |             |    |     |           |            |            | / / / /    |          |          |           |           |           |          |   |  |  |
|----|----|-------------|----|-----|-----------|------------|------------|------------|----------|----------|-----------|-----------|-----------|----------|---|--|--|
|    |    |             |    |     |           |            |            |            |          |          |           |           |           |          |   |  |  |
|    |    |             |    |     |           |            |            | 1          | 2        | 3        | 4         | 5         | 6         |          |   |  |  |
| 17 | 18 | 17          | 18 | 8   | 0         |            |            |            |          |          |           |           |           |          |   |  |  |
| 1  |    | 010100<br>2 | B  | 4.0 | 64        | 54         | 10         | 4          |          |          |           |           |           | 1        |   |  |  |
| 2  |    | 010514<br>5 | B  | 3.0 | 48        | 40         | 8          | 3          |          |          |           |           |           | 1        |   |  |  |
| 3  |    | 010107<br>4 | B  | 4.0 | 64        | 42         | 22         |            | 4        |          |           |           |           |          | 2 |  |  |
| 4  |    | 030506<br>1 | B  | 3.0 | 48        | 40         | 8          |            | 3        |          |           |           |           |          | 2 |  |  |
| 5  |    | 010109<br>1 | B  | 3.0 | 48        | 40         | 8          |            |          |          | 3         |           |           | 4        |   |  |  |
| 6  |    | 010102<br>9 | B  | 3.0 | 48        | 32         | 16         |            |          | 3        |           |           |           | 3        |   |  |  |
| 7  |    | 030305<br>0 | B  | 3.0 | 48        | 38         | 10         |            |          | 3        |           |           |           | 3        |   |  |  |
| 8  |    | 030301<br>8 | B  | 3.0 | 48        | 38         | 10         |            |          |          |           | 6         |           | 5        |   |  |  |
| 9  |    | 030504<br>9 | B  | 3.0 | 48        | 32         | 16         |            |          | 3        |           |           |           | 3        |   |  |  |
| 10 |    | 030503<br>4 | B  | 1.5 | 24        | 20         | 4          | 2          |          |          |           |           |           |          | 1 |  |  |
|    |    |             |    |     | 30.5      | 488        | 354        | 112        | 9        | 7        | 9         | 3         | 6         | 0        |   |  |  |
| 1  |    | 030505<br>4 | B  | 3.0 | 48        | 30         | 18         |            |          | 3        |           |           |           | 3        |   |  |  |
| 2  |    | 010100<br>7 | B  | 3.5 | 56        | 48         | 8          |            |          |          | 4         |           |           | 4        |   |  |  |
| 3  |    | 030505<br>6 | B  | 3.5 | 56        | 40         | 16         |            |          |          | 4         |           |           | 4        |   |  |  |
| 4  |    | 030301<br>9 | B  | 3.0 | 48        | 40         | 8          |            |          |          | 3         |           |           | 4        |   |  |  |
| 5  |    | 030300<br>8 | B  | 2.0 | 32        | 20         | 12         |            |          |          |           | 4         |           | 5        |   |  |  |
| 6  |    | 030301<br>3 | B  | 3.5 | 56        | 40         | 16         |            |          |          |           | 8         |           | 5        |   |  |  |
|    |    |             |    |     | 18.5      | 296        | 218        | 78         | 0        | 0        | 6         | 11        | 12        | 0        |   |  |  |
|    |    |             |    |     | <b>49</b> | <b>784</b> | <b>572</b> | <b>190</b> | <b>9</b> | <b>7</b> | <b>15</b> | <b>14</b> | <b>18</b> | <b>0</b> |   |  |  |

|    |  |         |   |     |           |             |            | / / / /     |    |    |    |     |     |    |   |   |   |   |
|----|--|---------|---|-----|-----------|-------------|------------|-------------|----|----|----|-----|-----|----|---|---|---|---|
|    |  |         |   |     |           |             |            | 1           | 2  | 3  | 4  | 5   | 6   |    |   |   |   |   |
|    |  |         |   |     |           |             |            | 17          | 18 | 17 | 18 | 8   | 0   |    |   |   |   |   |
| 1  |  | 0303006 | B | 2.0 | 32        | 30          | 2          |             |    | 2  |    |     |     |    | 2 | 2 | 1 |   |
| 2  |  | 0202001 | B | 2.0 | 32        | 30          | 2          |             |    | 2  |    |     |     |    | 2 |   |   |   |
| 3  |  | 0301005 | B | 2.0 | 32        | 20          | 12         |             |    | 2  |    |     |     |    |   | 3 | 4 | 1 |
| 4  |  | 0303014 | B | 2.0 | 32        | 20          | 12         |             |    | 2  |    |     |     |    |   | 3 |   |   |
| 5  |  | 0101096 | B | 2.0 | 32        | 20          | 12         |             |    | 2  |    |     |     |    |   | 3 |   |   |
| 6  |  | 0303030 | B | 2.0 | 32        | 20          | 12         |             |    | 2  |    |     |     |    |   | 3 |   |   |
| 7  |  | 0103087 | B | 3.0 | 48        | 32          | 16         |             |    |    | 3  |     |     |    |   | 4 | 3 | 1 |
| 8  |  | 0103087 | B | 3.0 | 48        | 32          | 16         |             |    |    | 3  |     |     |    |   | 4 |   |   |
| 9  |  | 0101038 | B | 3.0 | 48        | 32          | 16         |             |    |    | 3  |     |     |    |   | 4 |   |   |
| 10 |  | 0101132 | B | 2.0 | 32        | 20          | 12         |             |    |    |    | 4   |     |    |   | 5 | 2 | 1 |
| 11 |  | 0101072 | B | 2.0 | 32        | 20          | 12         |             |    |    |    | 4   |     |    |   | 5 |   |   |
| 12 |  | 0101238 | B | 2.0 | 32        | 20          | 12         |             | 2  |    |    |     |     |    |   | 2 | 2 | 1 |
| 13 |  | 0305047 | B | 2.0 | 32        | 20          | 12         |             | 2  |    |    |     |     |    |   | 2 |   |   |
|    |  |         |   |     | 11        | 176         | 122        | 54          | 0  | 2  | 4  | 3   | 4   | 0  |   |   |   |   |
| 1  |  | 0101052 | C | 1.0 | 28        | 0           | 28         | 1           |    |    |    |     |     |    |   | 1 |   |   |
| 2  |  | 0305054 | C | 1.0 | 28        | 0           | 28         |             |    | 1  |    |     |     |    |   | 3 |   |   |
| 3  |  | 0101099 | C | 1.0 | 28        | 0           | 28         |             |    | 1  |    |     |     |    |   | 3 |   |   |
| 4  |  | 0101097 | C | 1.0 | 28        | 0           | 28         |             |    |    | 1  |     |     |    |   | 4 |   |   |
| 5  |  | 0303015 | C | 1.0 | 28        | 0           | 28         |             |    |    |    | 1   |     |    |   | 5 |   |   |
| 6  |  | 0303020 | C | 4.0 | 112       | 0           | 112        |             |    |    |    | 4   |     |    |   | 5 |   |   |
| 7  |  | 0801002 |   |     |           |             |            |             |    |    |    |     |     |    |   |   |   |   |
| 8  |  | 0102073 |   | 6   | 28        | 0           | 28         |             |    |    |    | 0.5 | 0.5 |    |   | 6 |   |   |
| 9  |  | 0801003 |   | 24  | 672       | 0           | 672        |             |    |    |    | 9   | 15  |    |   | 6 |   |   |
|    |  |         |   |     | 39        | 952         | 0          | 952         | 0  | 0  | 0  | 0   | 9.5 | 16 |   |   |   |   |
|    |  |         |   |     | <b>50</b> | <b>1128</b> | <b>122</b> | <b>1006</b> |    |    |    |     |     |    |   |   |   |   |

: 0.5 0.5



|    |       |         | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21  |
|----|-------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1  |       | 48      |    |    |    |    |    |    |    | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |     |
| 2  |       | 16      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 4  | 4  | 4  | 4  |    |     |
| 3  |       | 8 hours |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| 4  |       | 56      | 28 | 28 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| 5  |       | 32      |    |    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |     |
| 6  |       | 16      |    |    |    |    |    |    |    |    |    |    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |     |
| 7  |       | 32      |    |    | 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 1 |
| 9  |       | 16      |    |    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    |    |    |    |    |    |    | 2 1 |
| 10 |       | 64      |    |    | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |    |     |
| 12 |       | 48      |    |    | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  |    |    |     |
| 13 |       | 24      |    |    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    |    |    |    |     |
| 14 |       | 4 hours |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| 15 |       |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 28 |     |
|    |       |         | 28 | 28 | 18 | 18 | 18 | 18 | 18 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 20 | 22 | 20 | 22 | 8  | 28 |     |
| 1  |       | 48      | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |    |    |    |    |    |    |    |    |     |
| 2  |       | 8 hours |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| 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  |       | 32      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    |    |     |
| 6  |       | 32      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    |    |     |
| 7  |       | 48      | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  |    |    |    |    | 2 1 |
| 8  |       | 16      |    |    |    | 2  | 0  | 2  | 0  | 2  | 0  | 2  | 0  | 2  | 0  | 2  | 0  | 2  | 0  | 2  |    |    | 2 1 |
| 9  |       | 48      | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  |    |    |    |    |     |
| 10 |       | 4 hours |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| 11 |       | 48      |    |    | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  |    |    |     |
| 12 | /     | 32      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    |    | 2 1 |
| 13 |       | 64      | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |    |    |    |    |     |
|    |       |         | 20 | 24 | 22 | 30 | 22 | 30 | 22 | 30 | 24 | 32 | 24 | 32 | 20 | 28 | 20 | 28 | 2  | 6  |    |    |     |
| 1  |       | 8 hours |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| 2  |       | 32      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    |    |     |
| 3  |       | 16      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    |    |    |    |    |    |    |    |    |     |
| 4  |       | 48      | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  |    |    |    |    |     |
| 5  |       | 48      | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  | 2  | 4  |    |    |    |    |     |
| 6  |       | 48      | 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  |    |    |    |    |     |
| 8  | /     | 32      |    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    | 2 1 |
| 9  | / / / | 32      |    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |    |    | 4 1 |
| 10 |       | 28      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 28 |    |    |     |
| 11 |       | 28      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 28 |    |     |
|    |       |         | 12 | 24 | 16 | 24 | 16 | 24 | 16 | 24 | 14 | 22 | 14 | 22 | 14 | 22 | 14 | 22 | 14 | 22 | 4  | 28 | 28  |





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